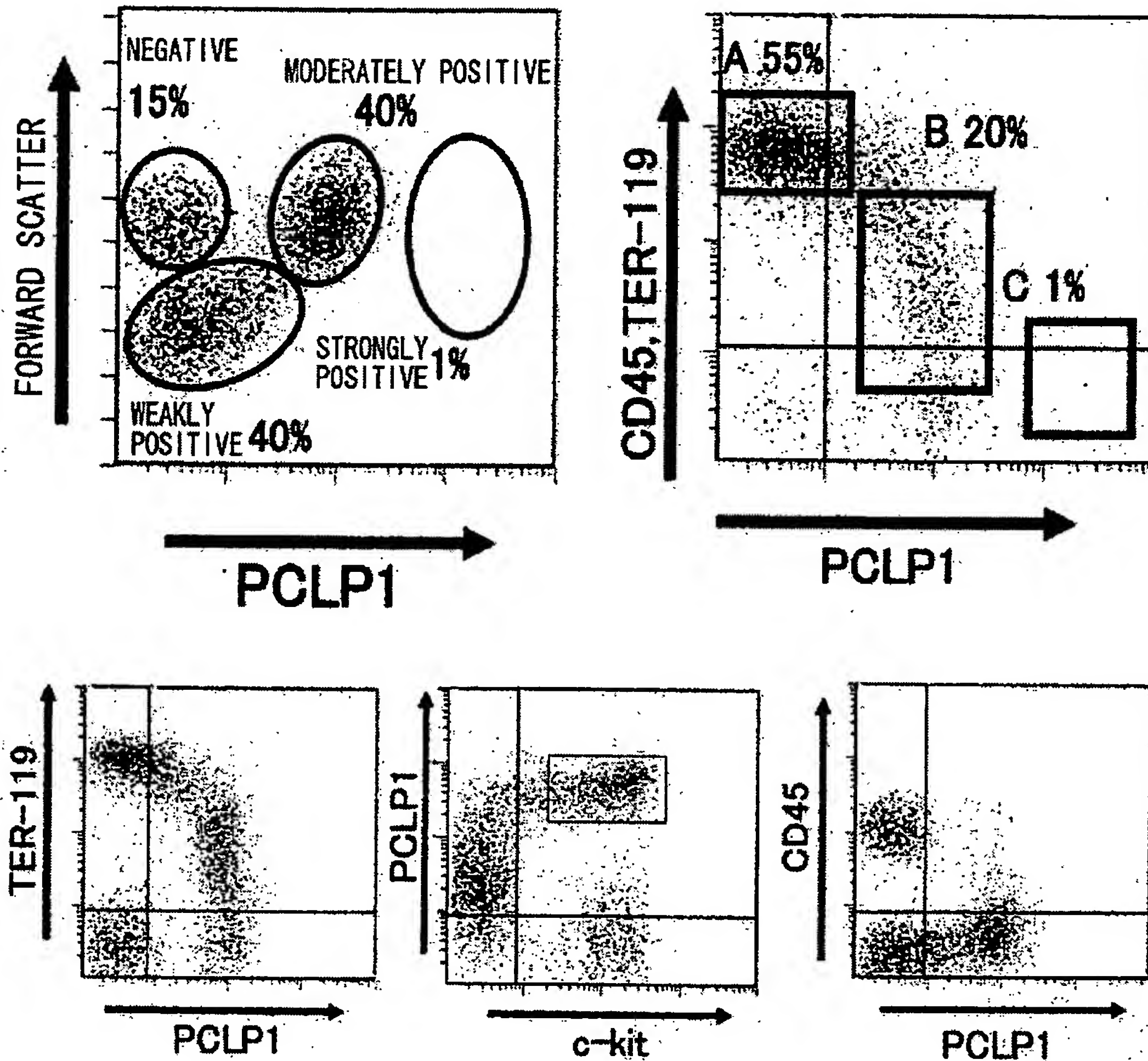


FIG. 1

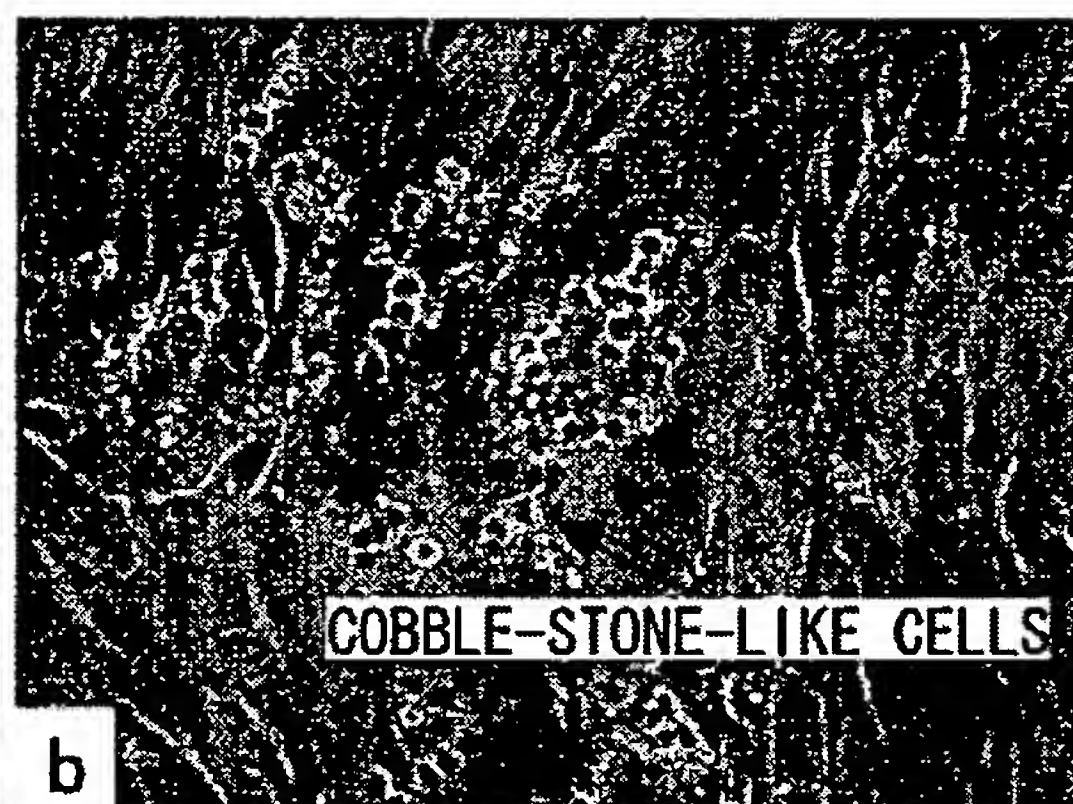
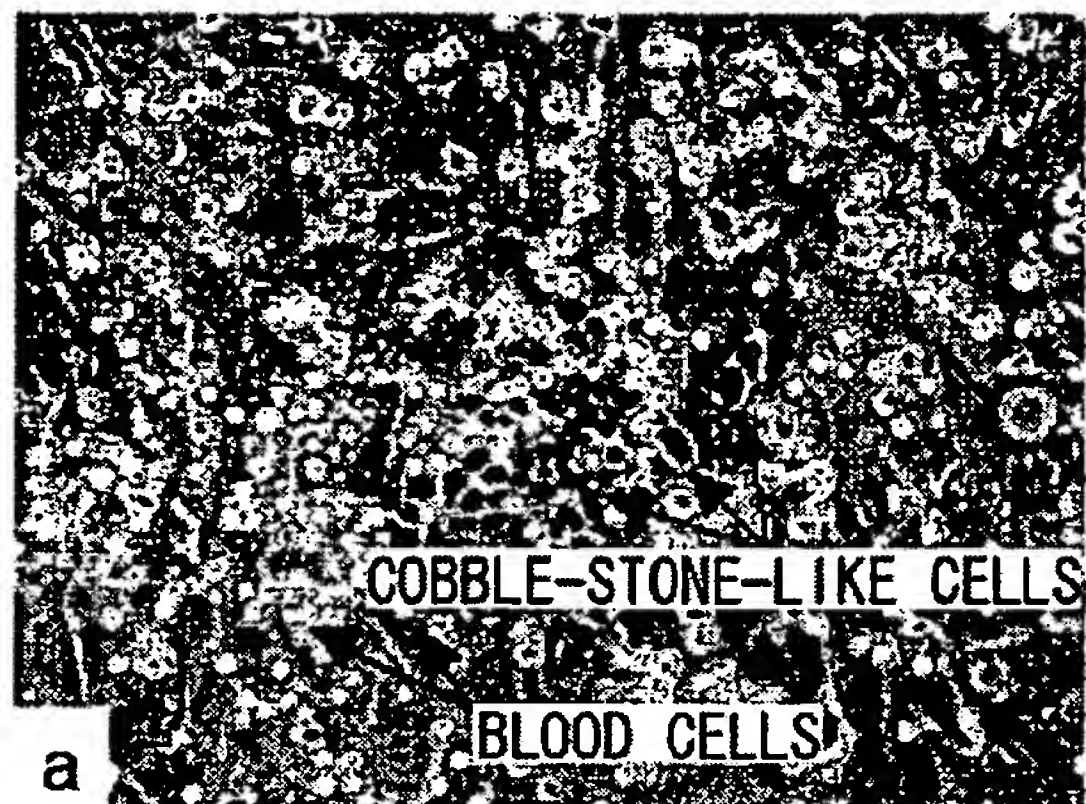


DEFINITIONS OF SEPARATED CELL POPULATIONS

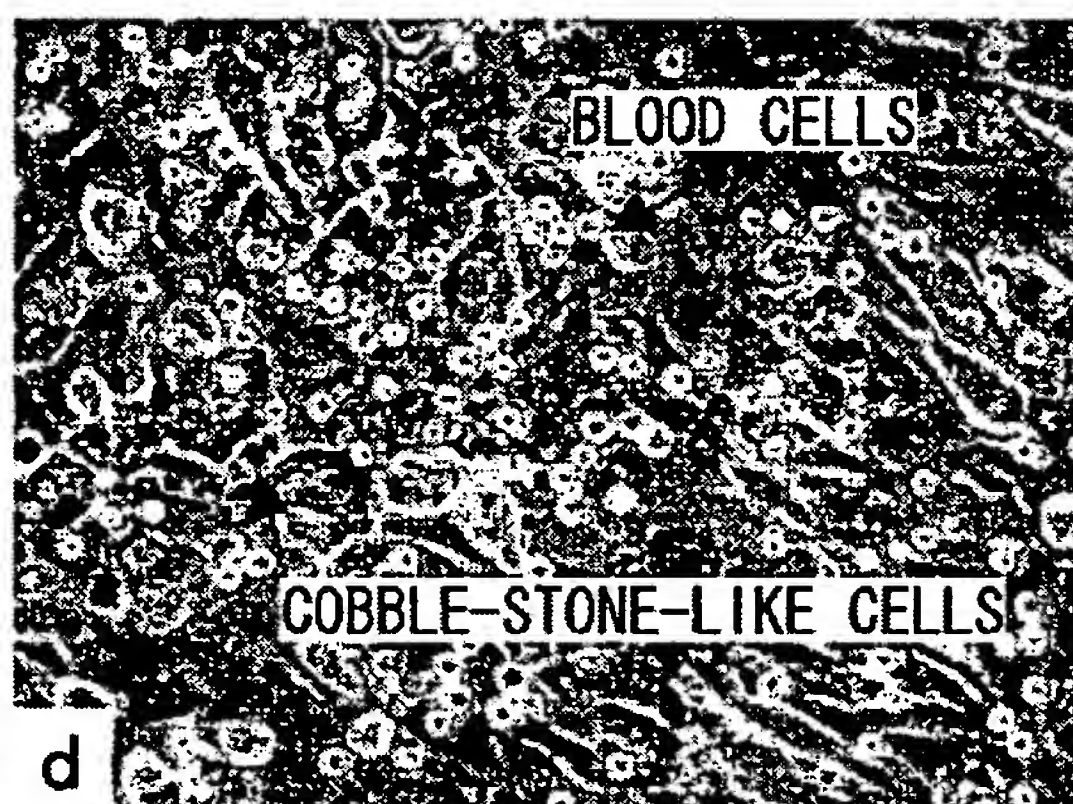
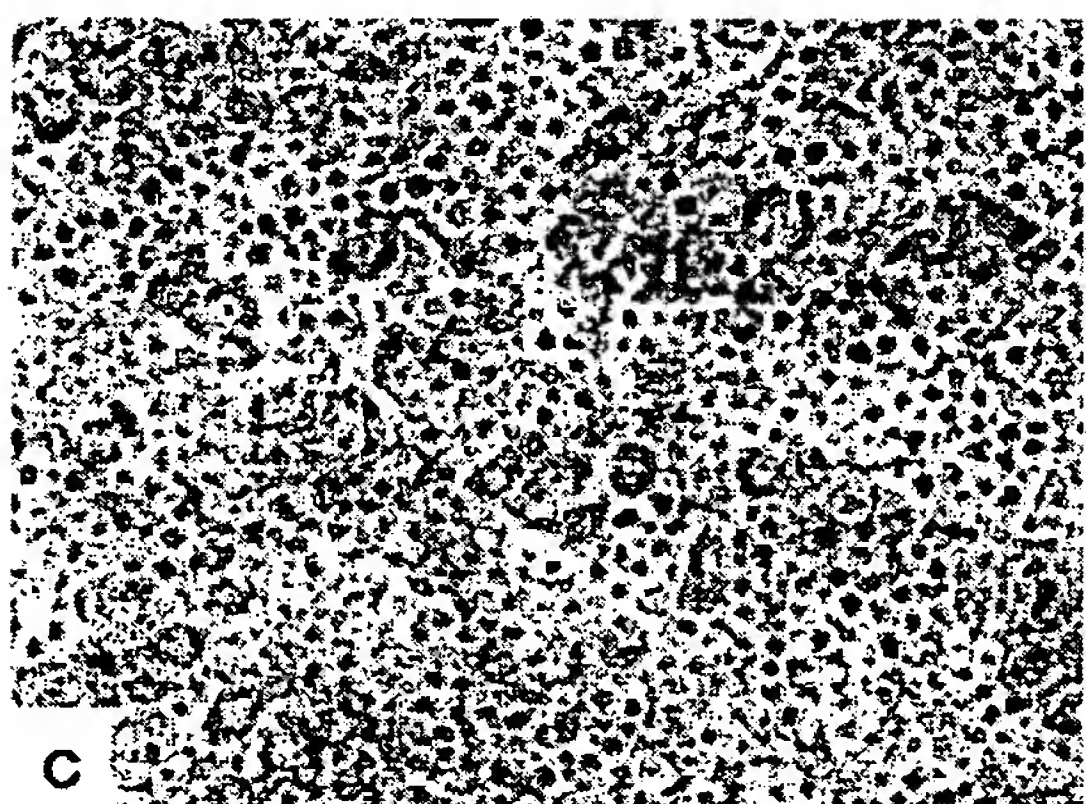
PCLP1-	→	PCLP1-CD45+	→	LEUKOCYTE FRACTION (NEGATIVE)	A
		PCLP1+cKit-	→	ERYTHROBLAST FRACTION (WEAKLY POSITIVE)	A
PCLP1+	↙	PCLP1+cKit+	→	HEMATOPOIETIC STEM CELL FRACTION (MODERATELY POSITIVE)	B
	↘		→	ENDOTHELIAL PRECURSOR CELL (STRONGLY POSITIVE)	C
		PCLP1+CD45-TER119-	→		

FIG. 2

DAY 4 (x 200)



DAY 7 (x 200)



DAY 10 (x 200)

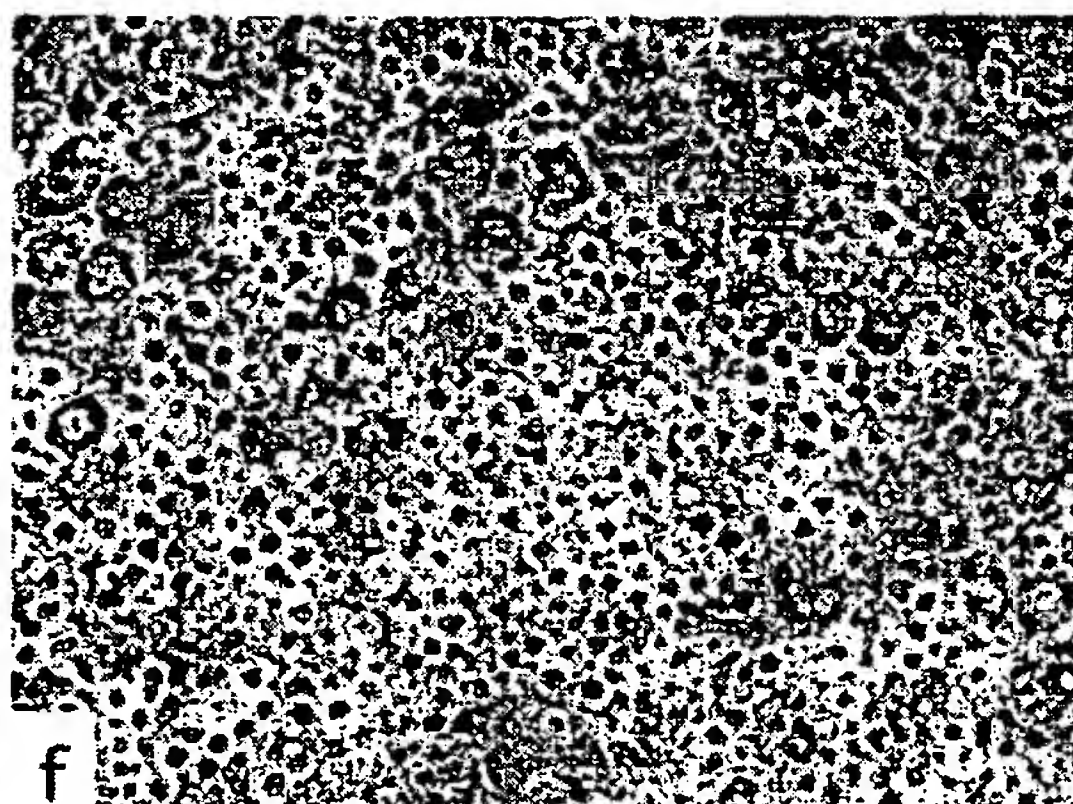
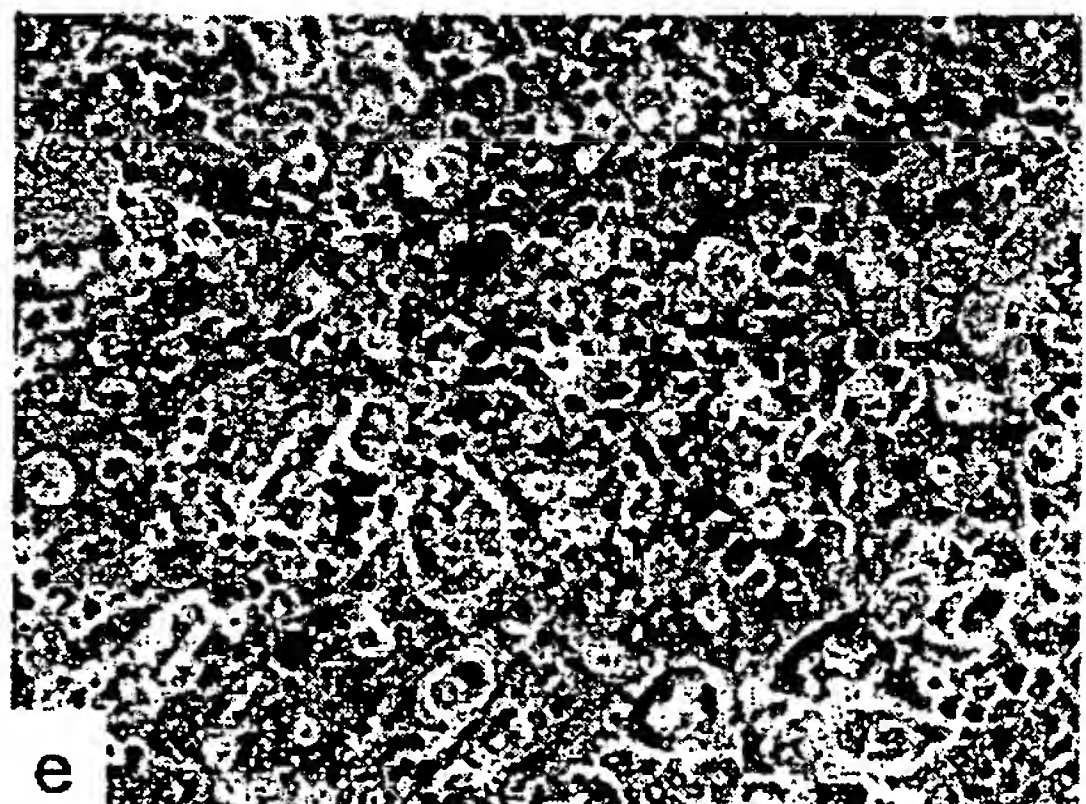
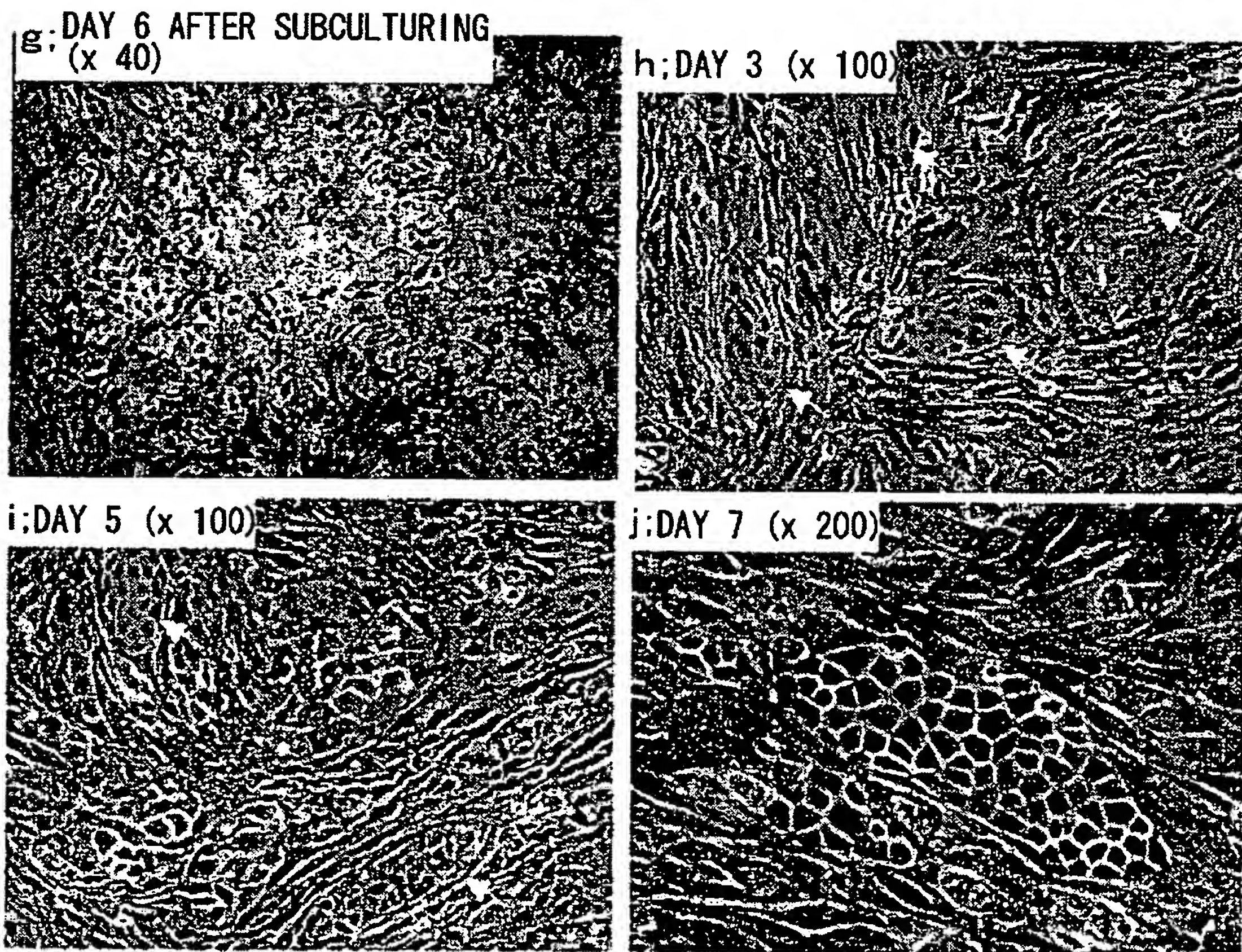


FIG. 2-2



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FIG. 3

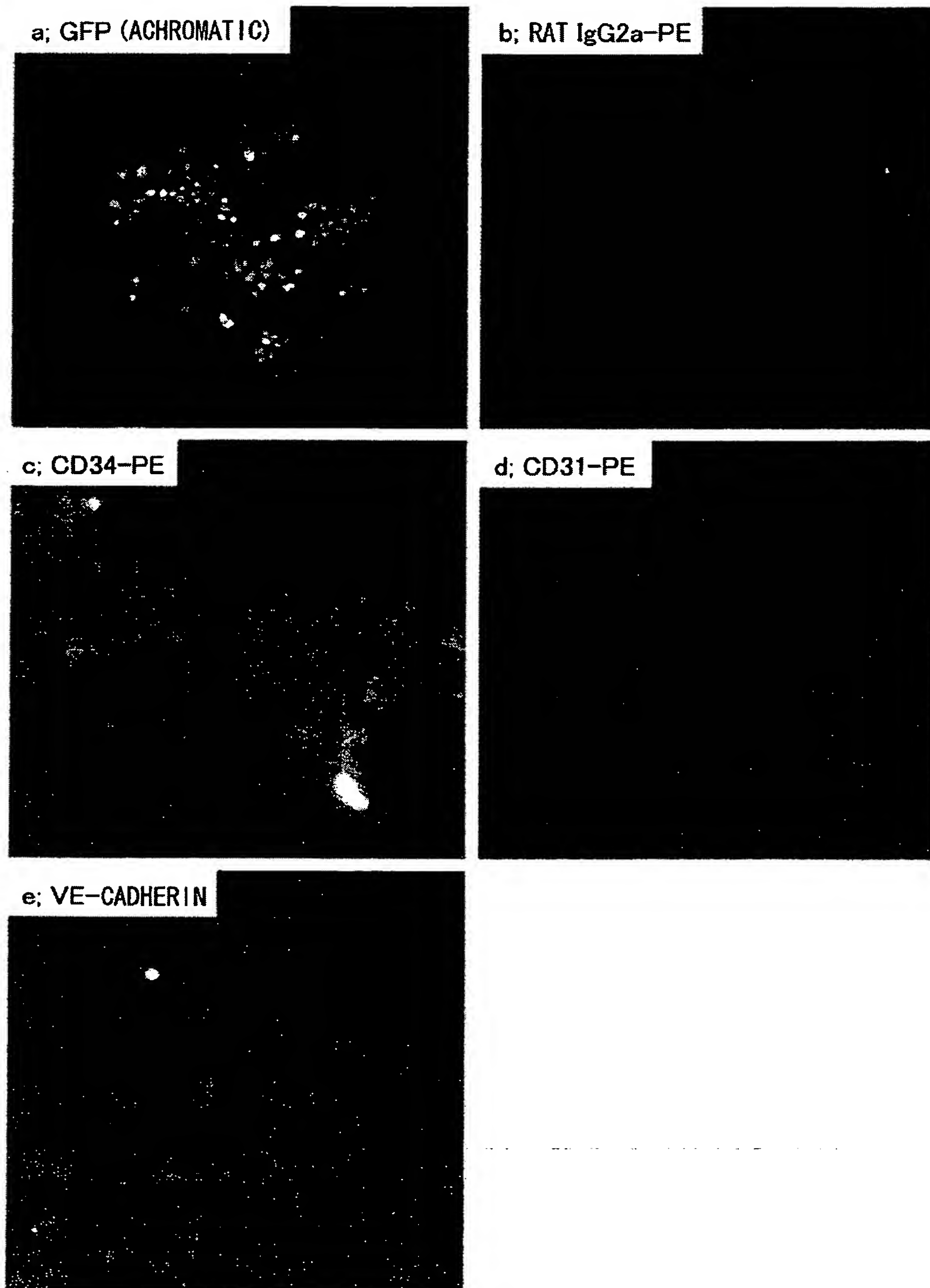


FIG. 4

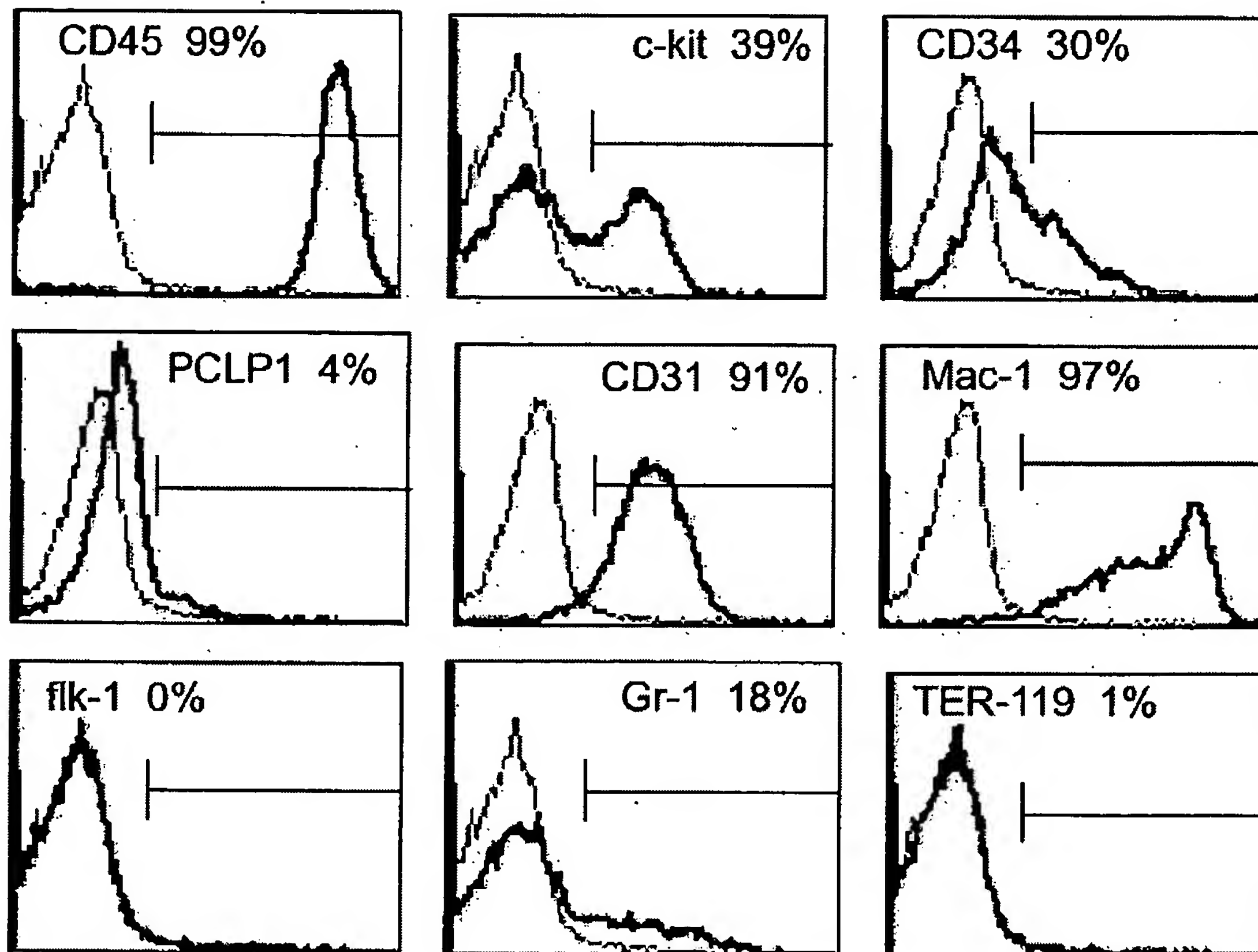
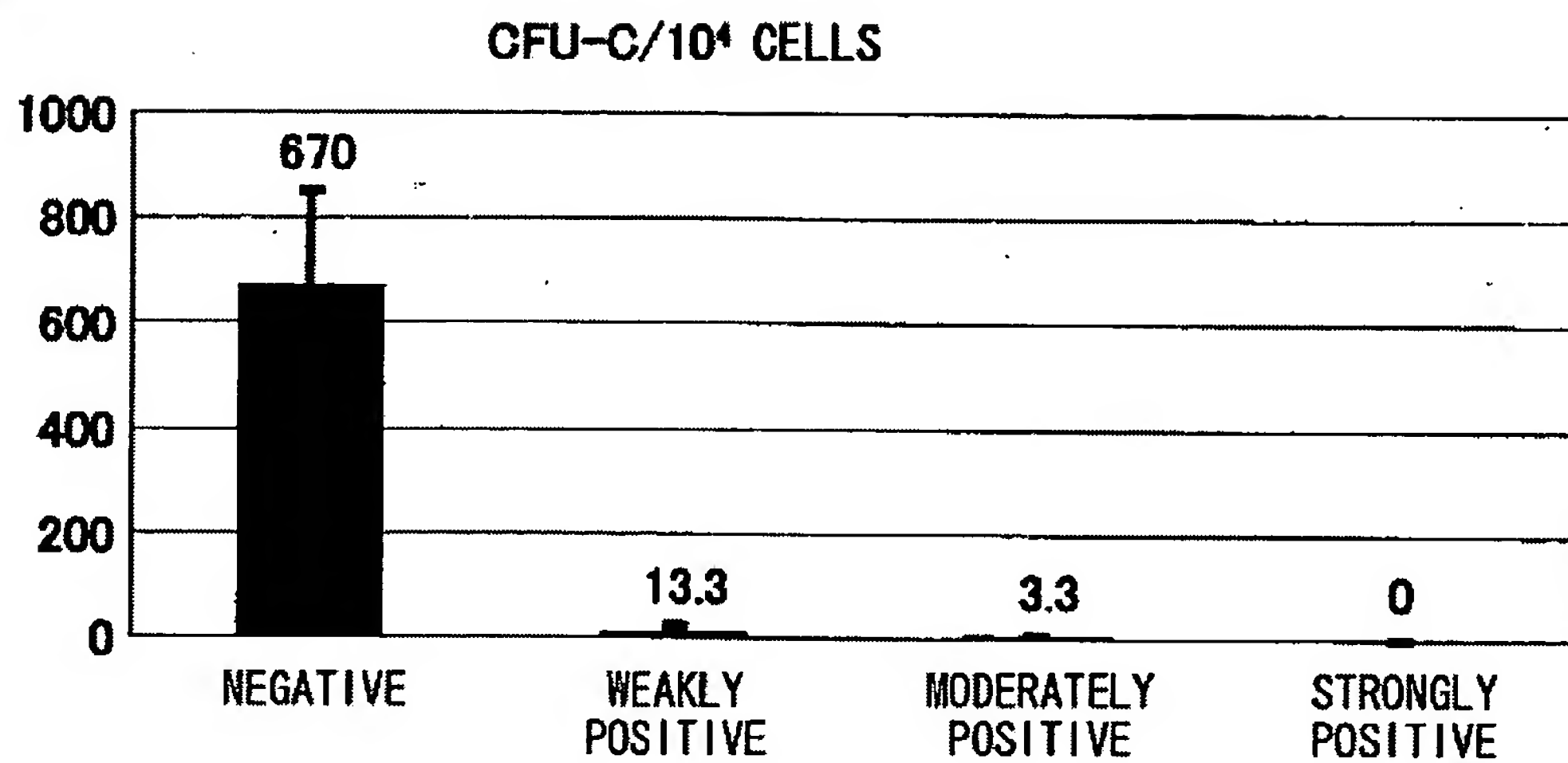
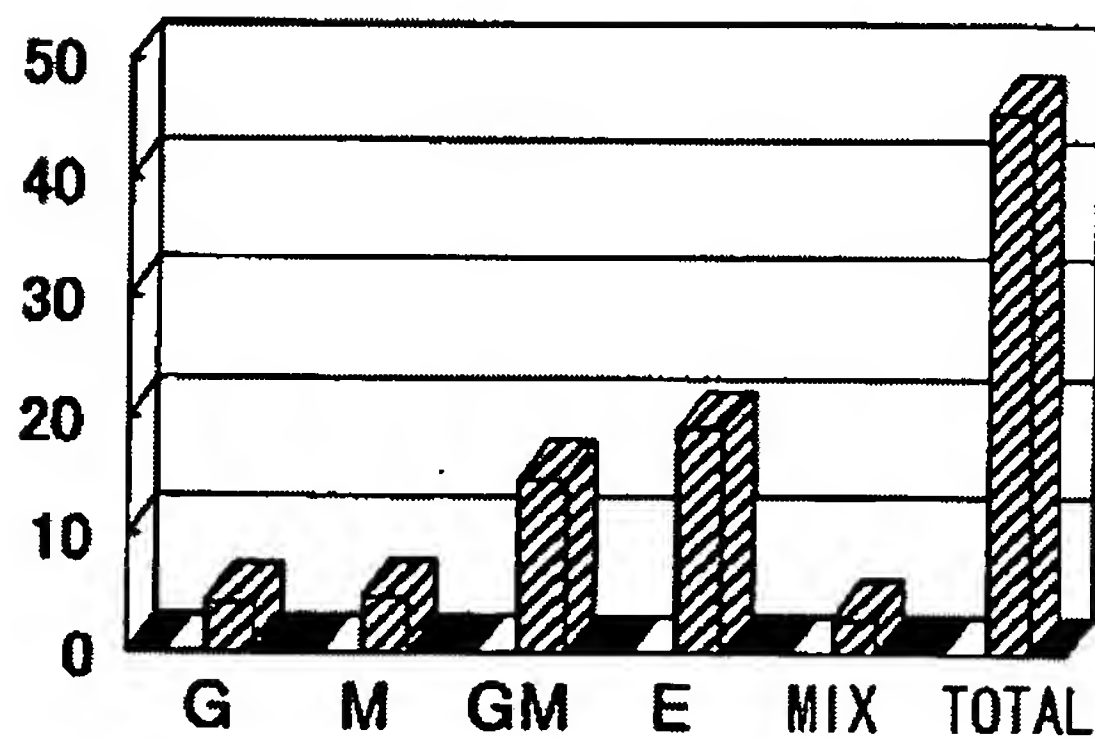


FIG. 5

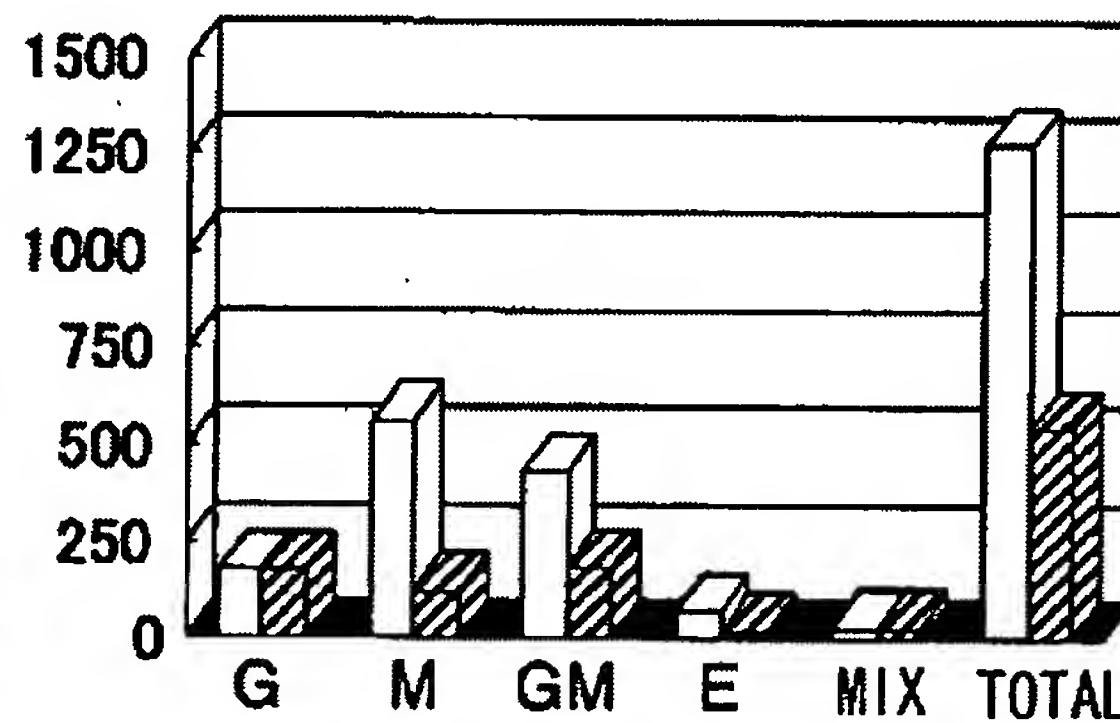
a)



b)



c)



A: PCLP1 WEAKLY POSITIVE/NEGATIVE
 B: PCLP1 MODERATELY POSITIVE

FIG. 6

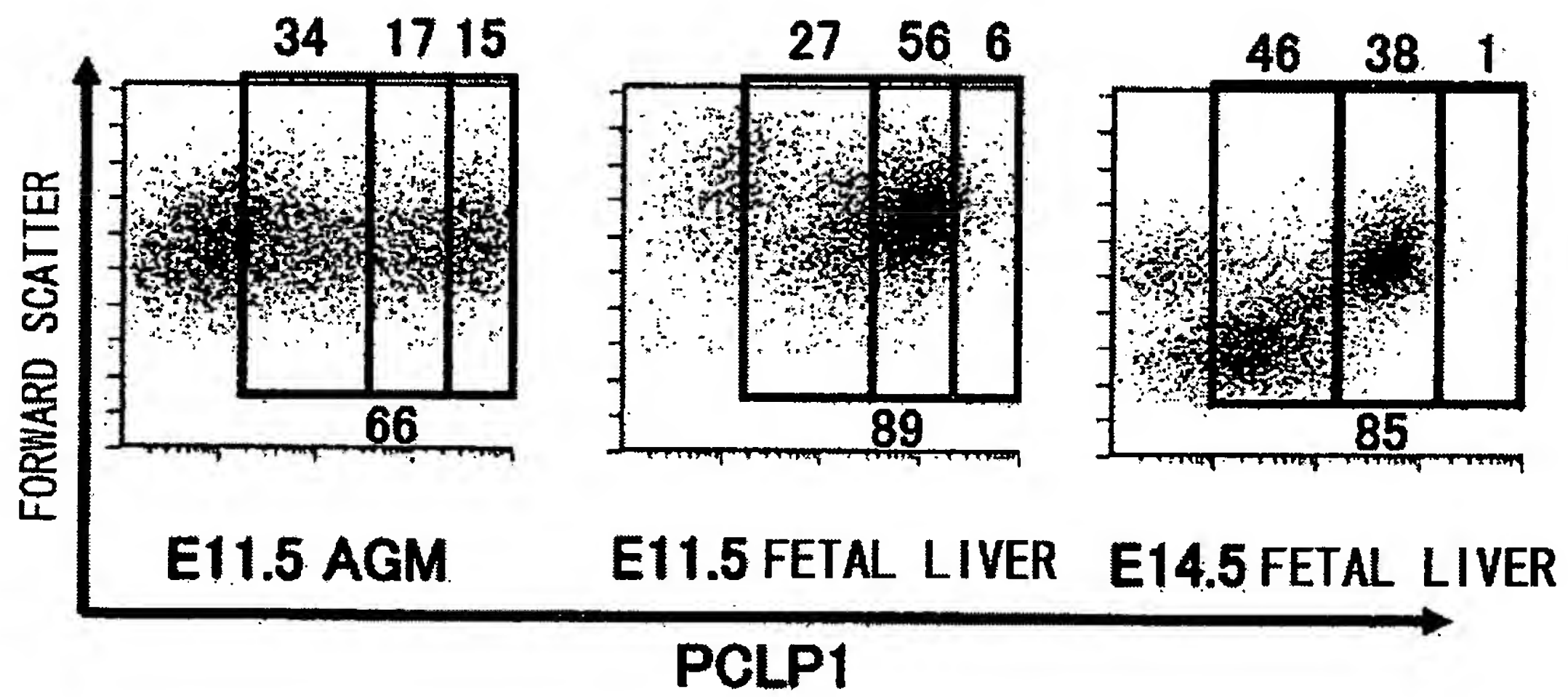


FIG. 7

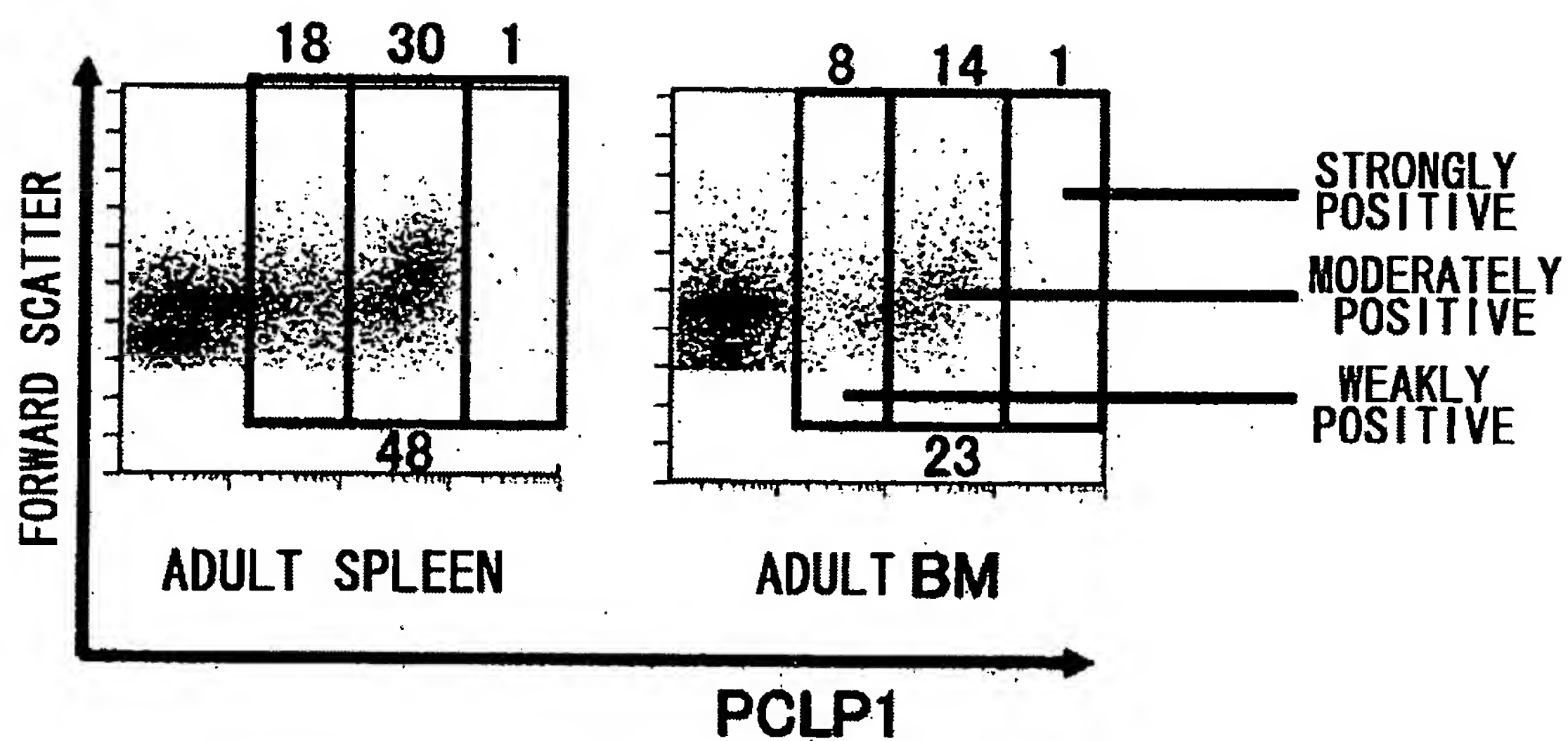


FIG. 8

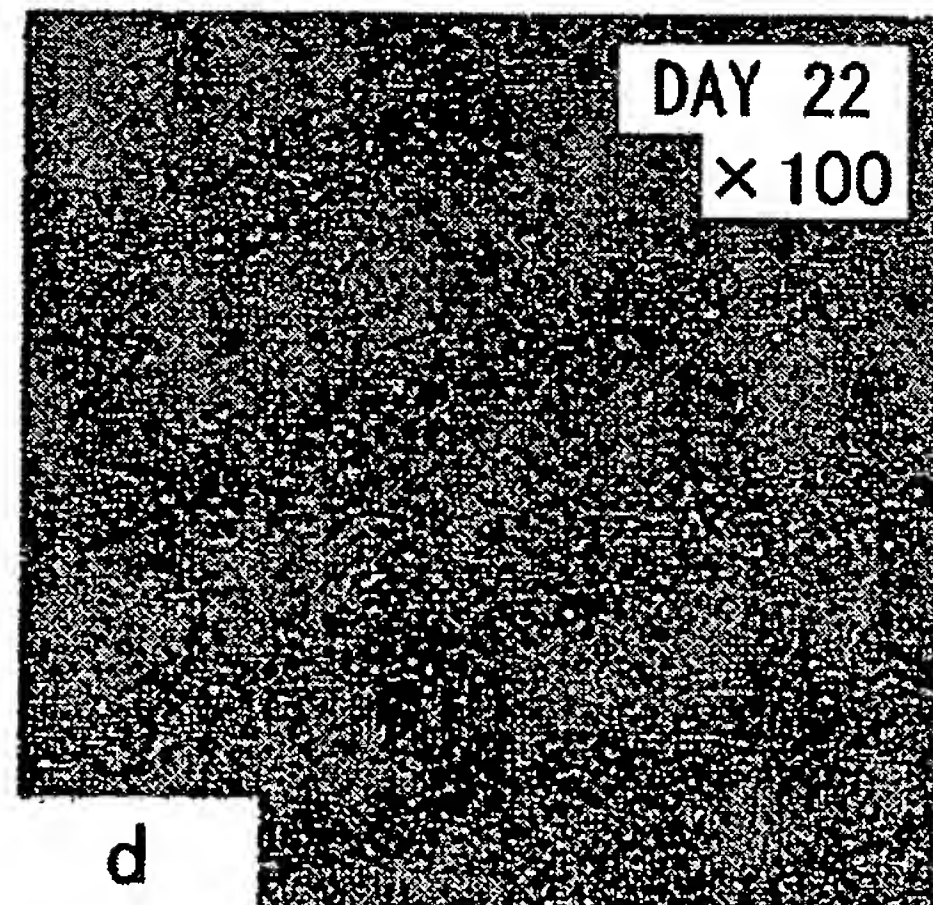
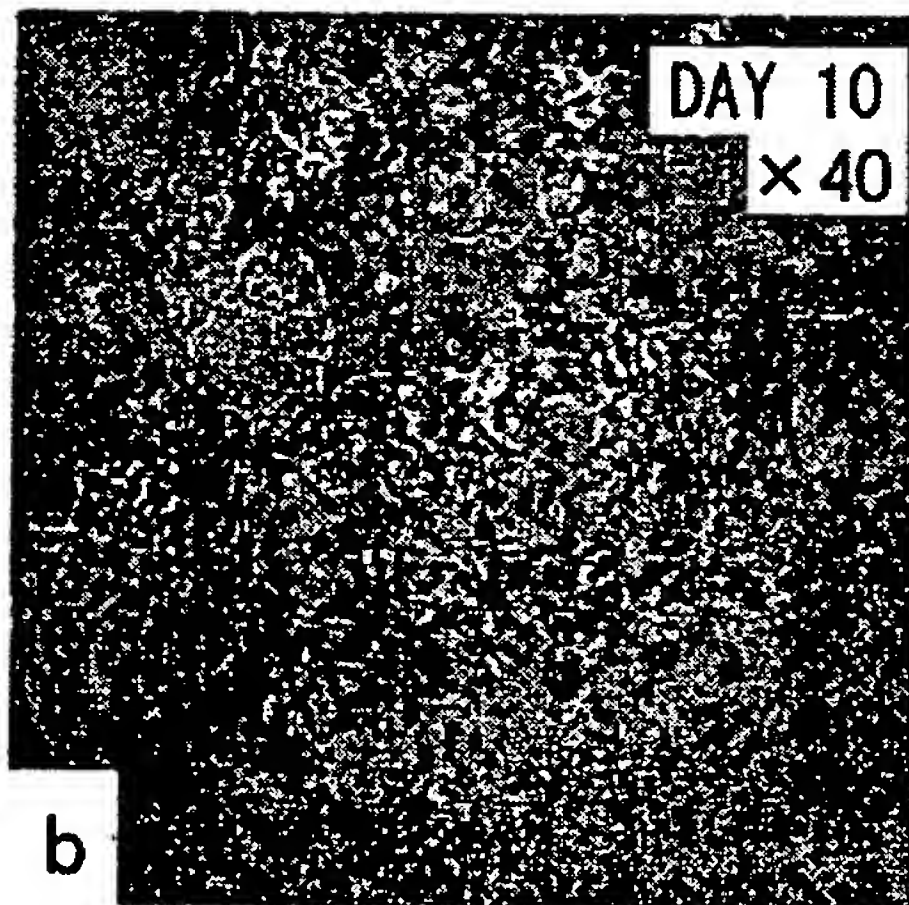
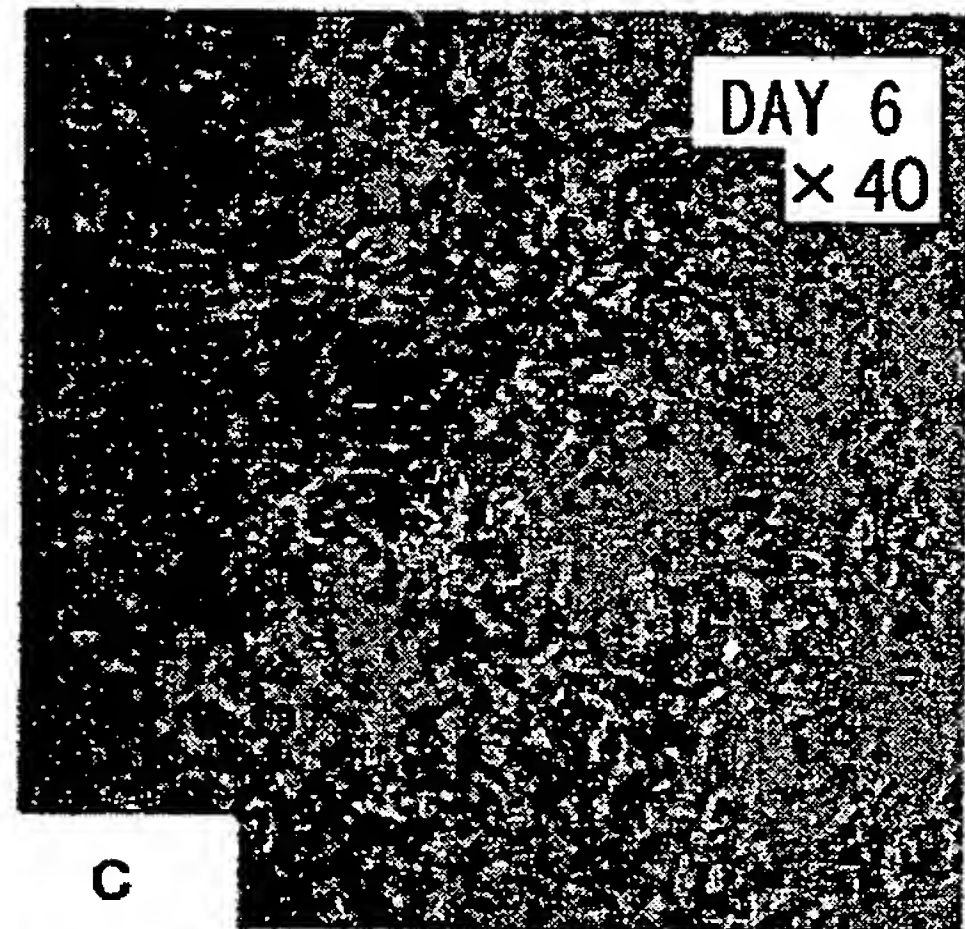
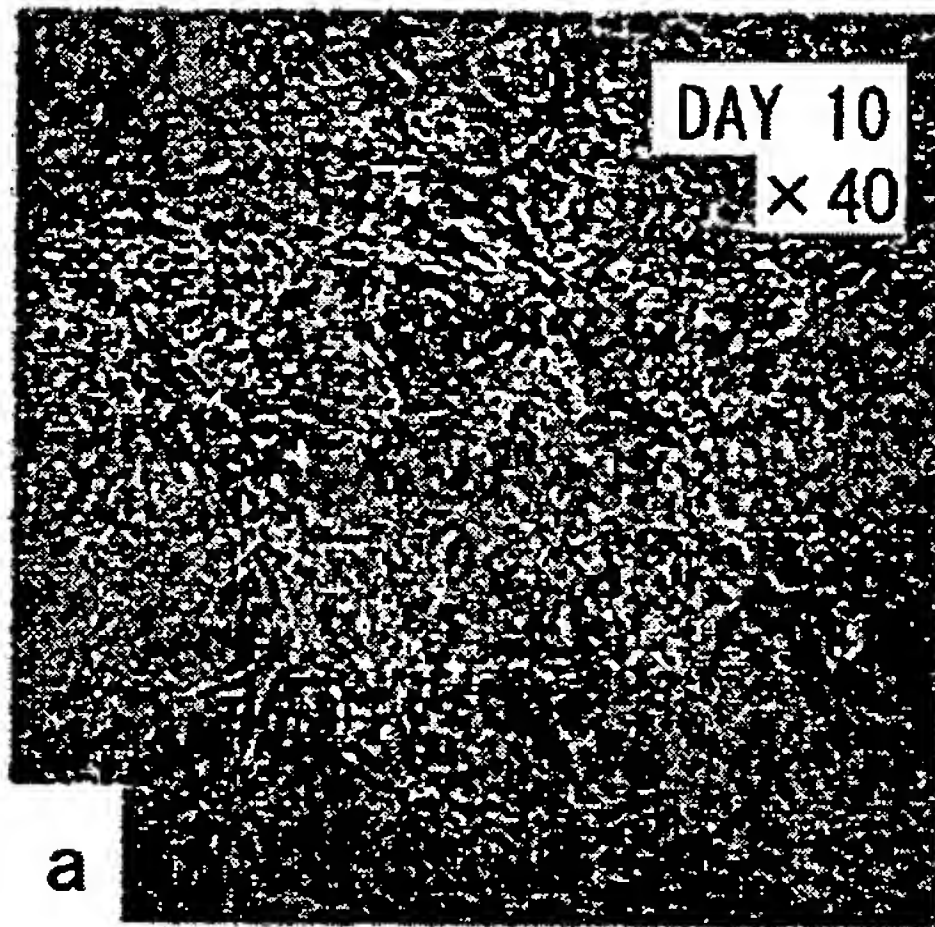


FIG. 9

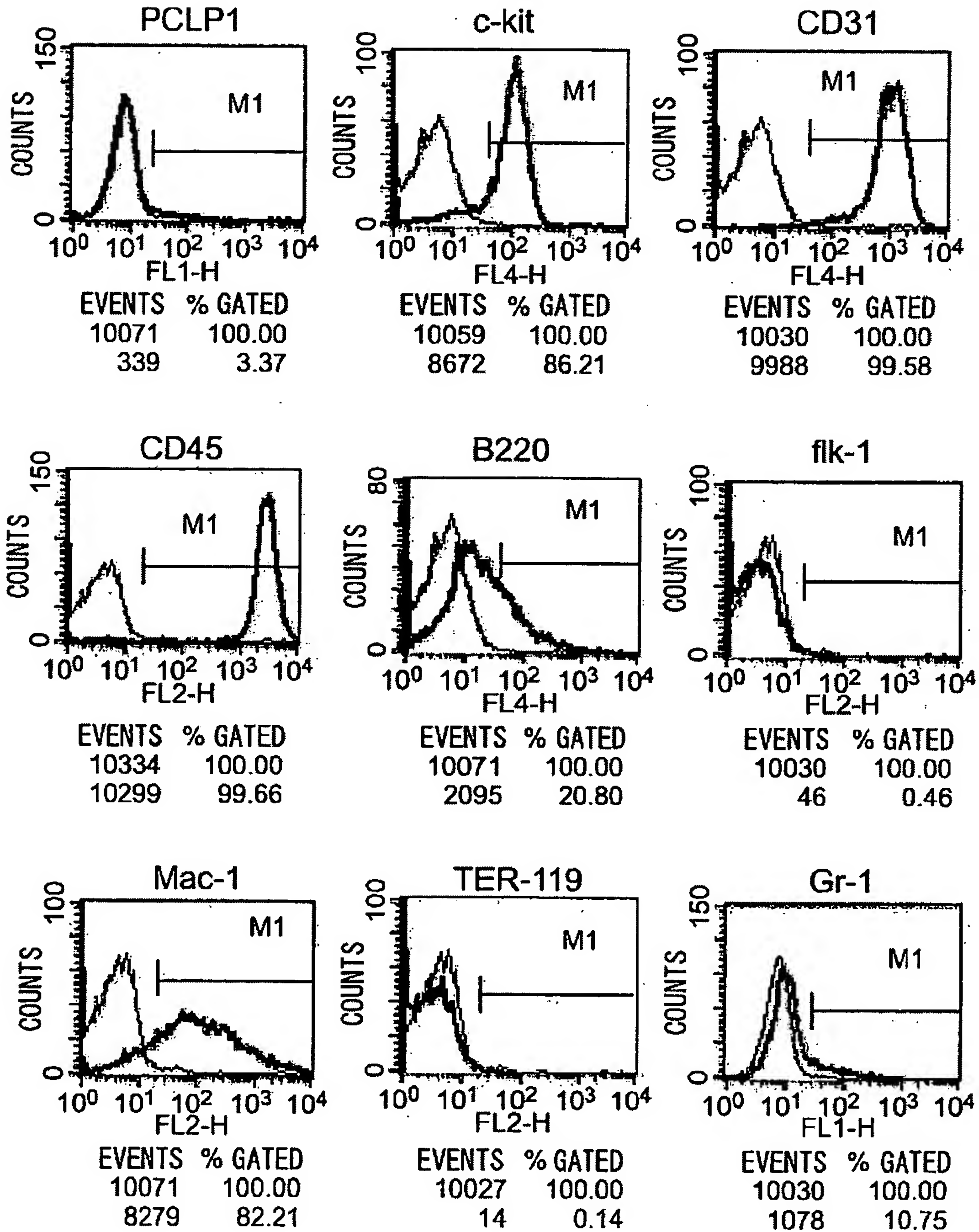


FIG. 10

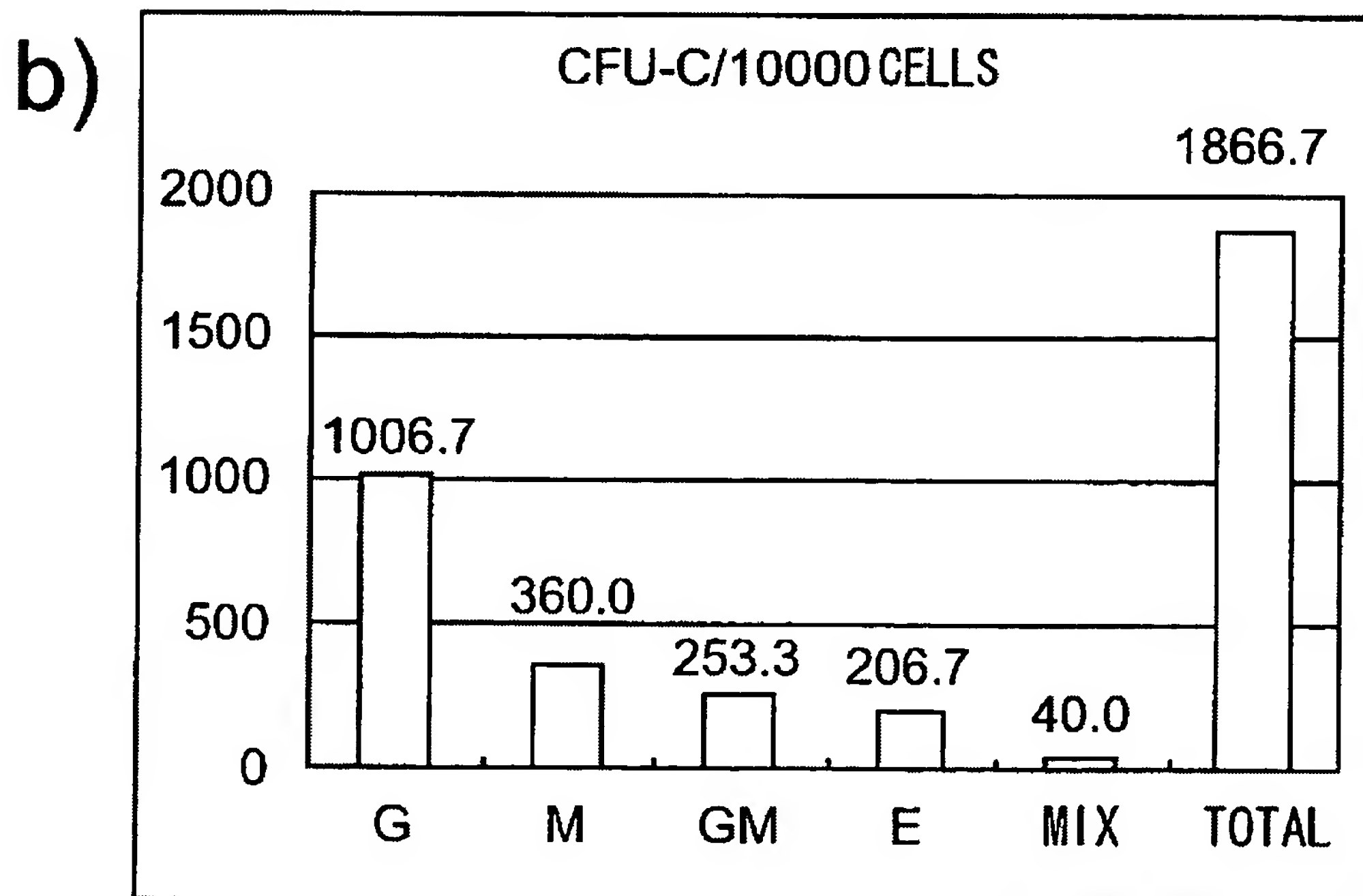
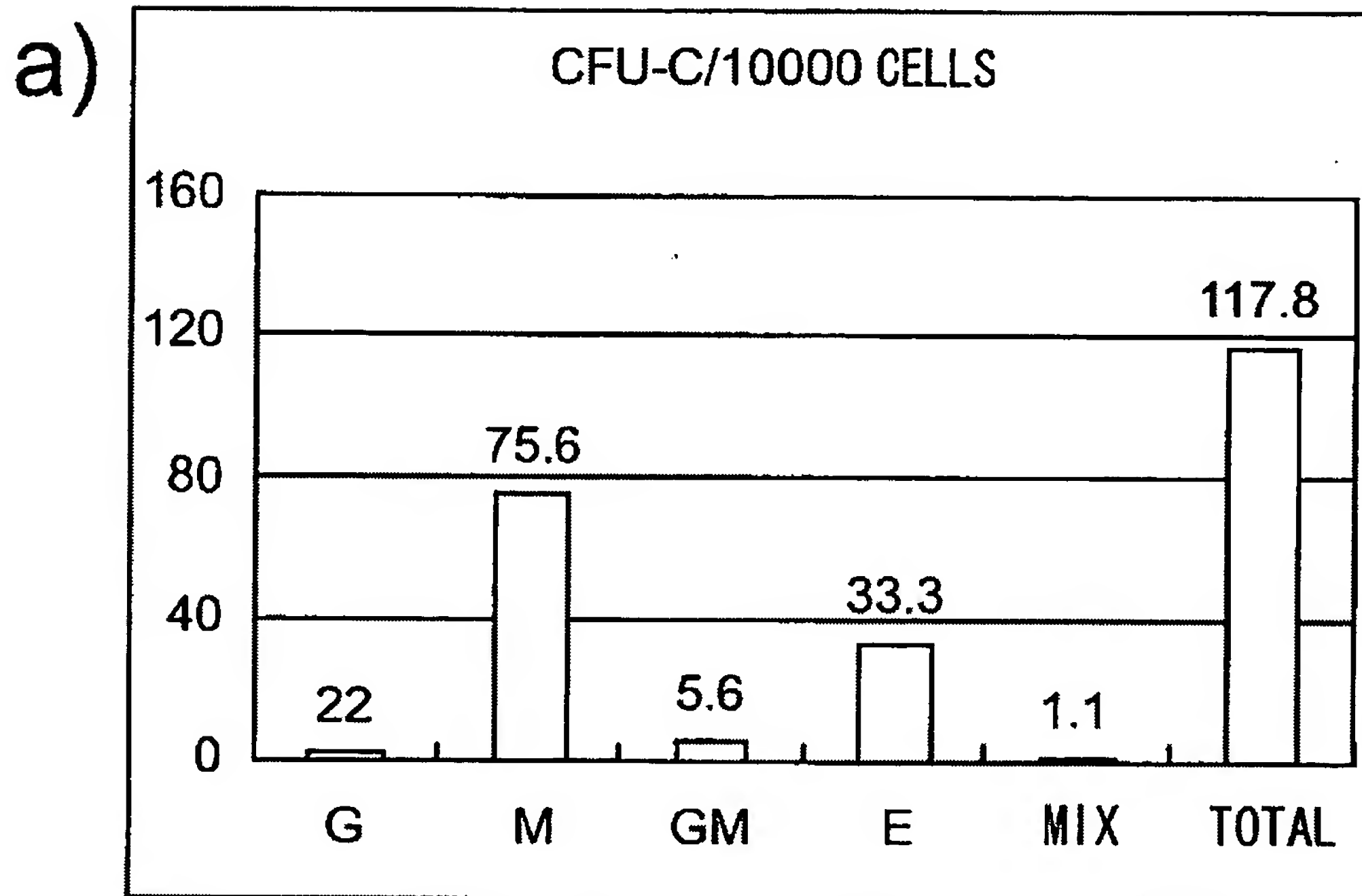
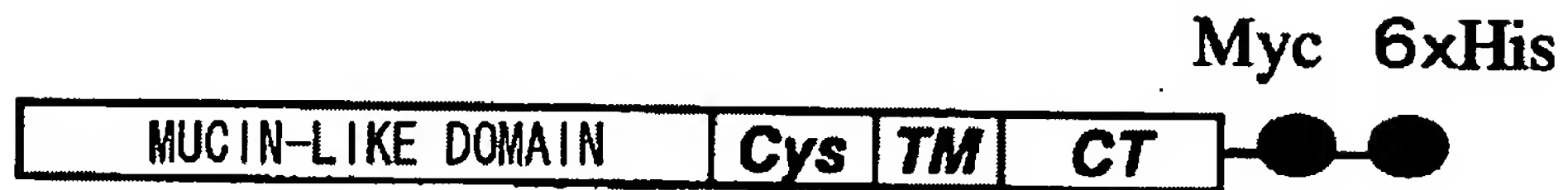


FIG. 11

MEMBRANE-EXPRESSED RECOMBINANT hPCLP1 (FULL LENGTH)



SECRETORY EXPRESSION RECOMBINANT hPCLP1 (EXTRAMEMBRANE REGION)

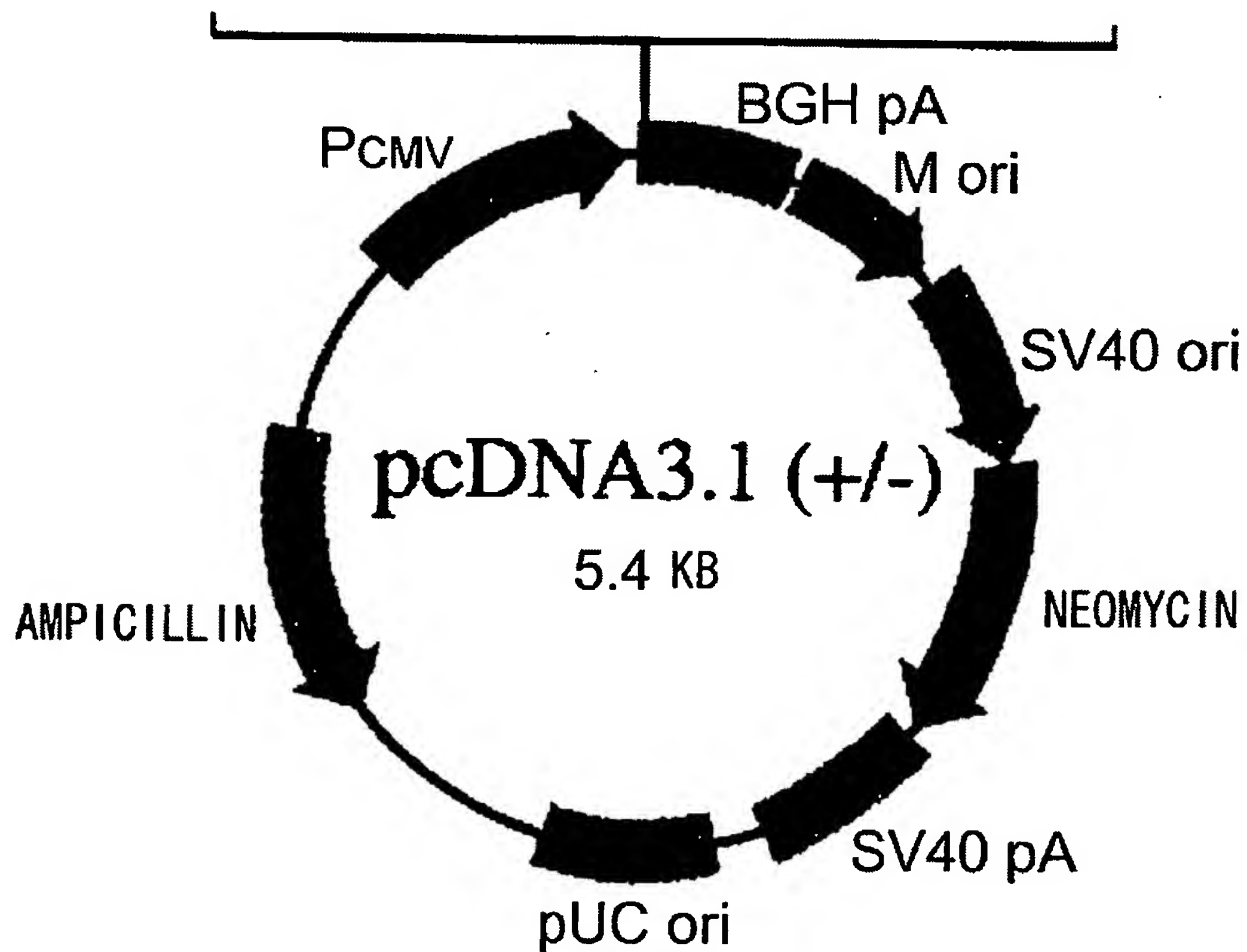
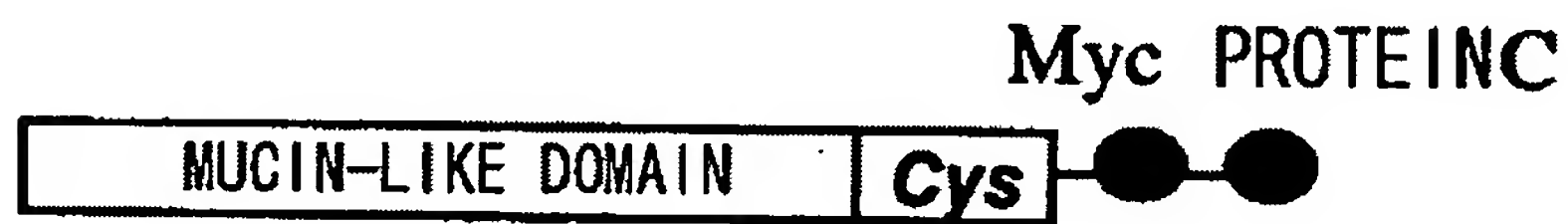


FIG. 12

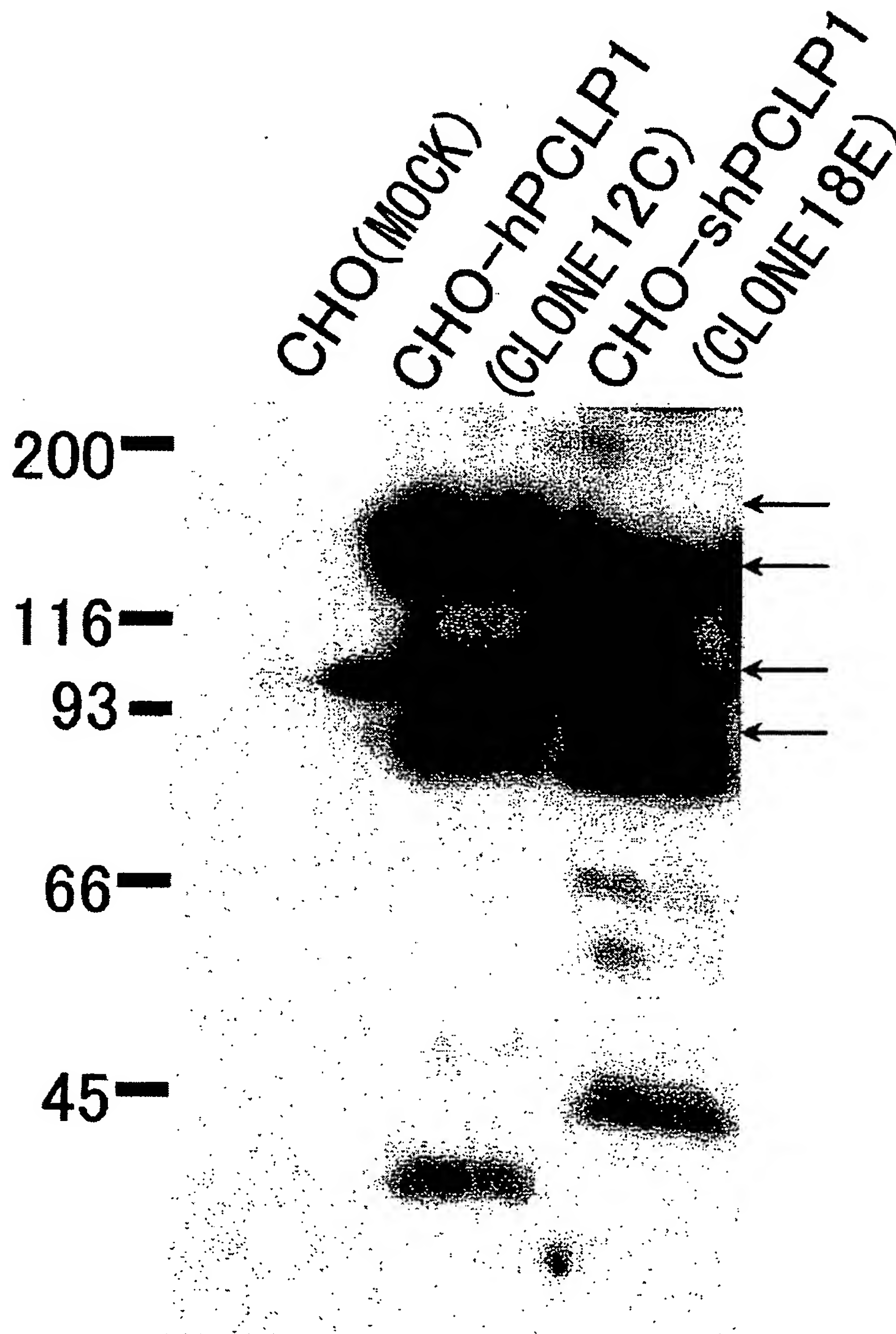


FIG. 13

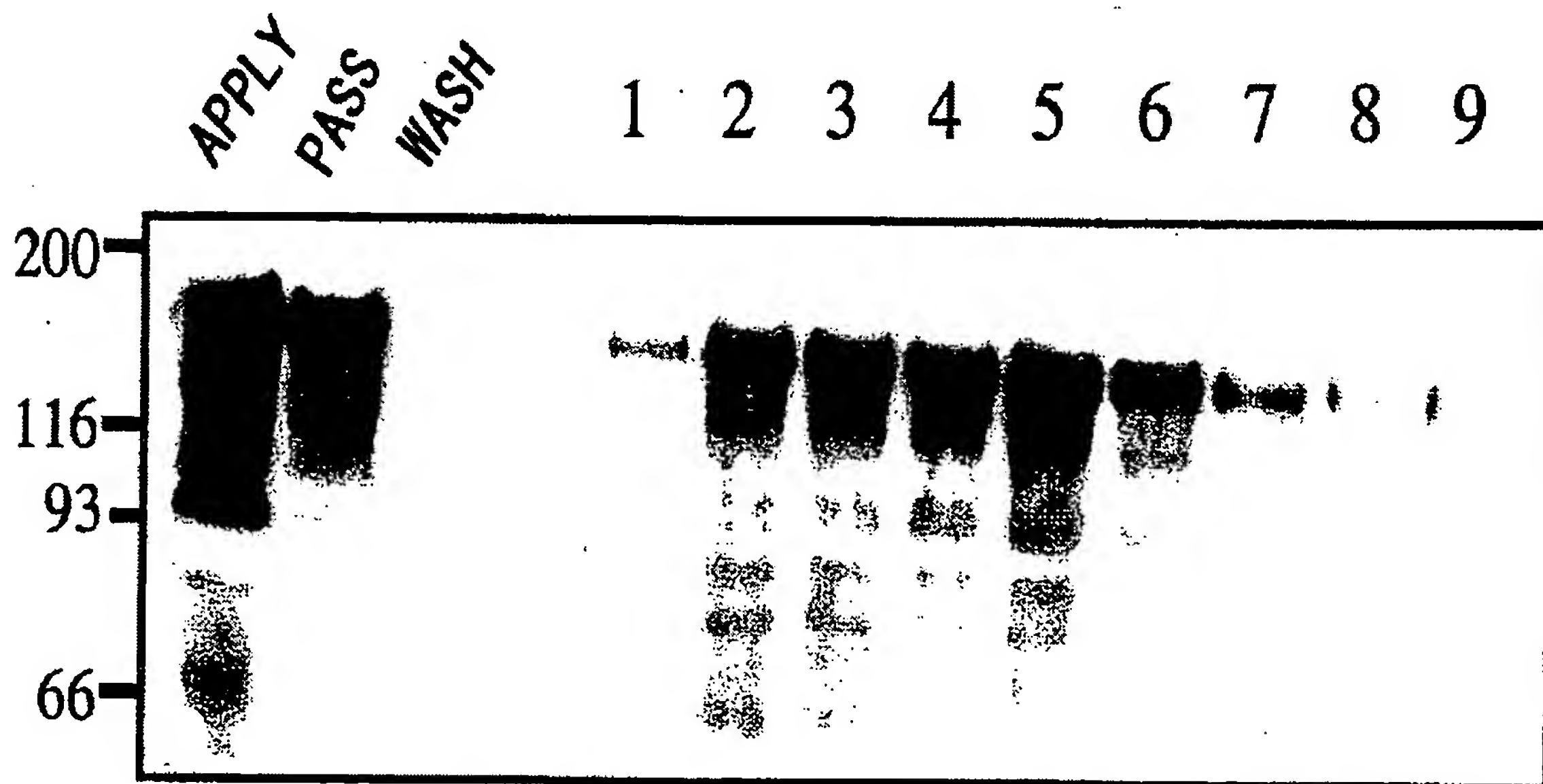
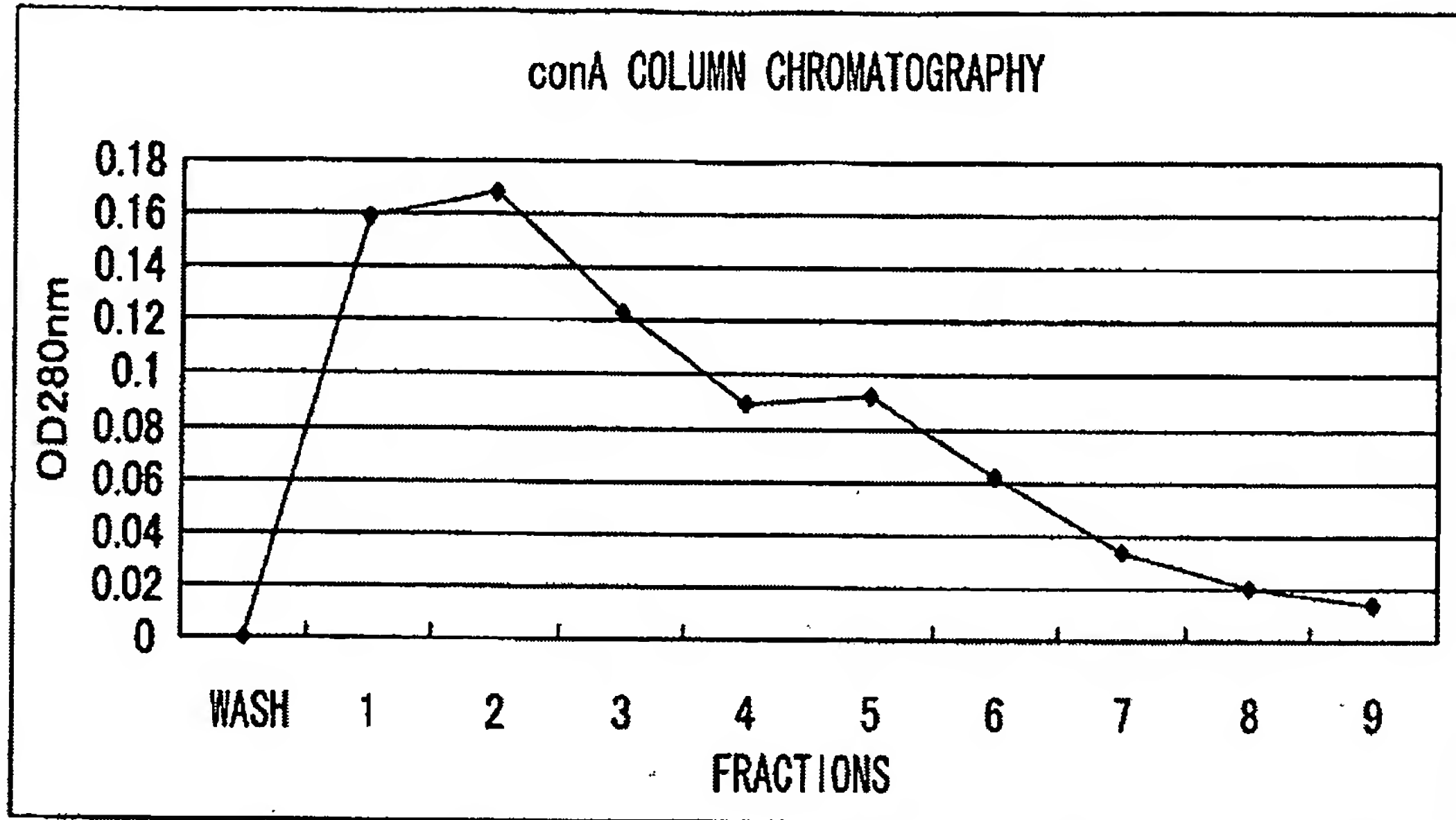
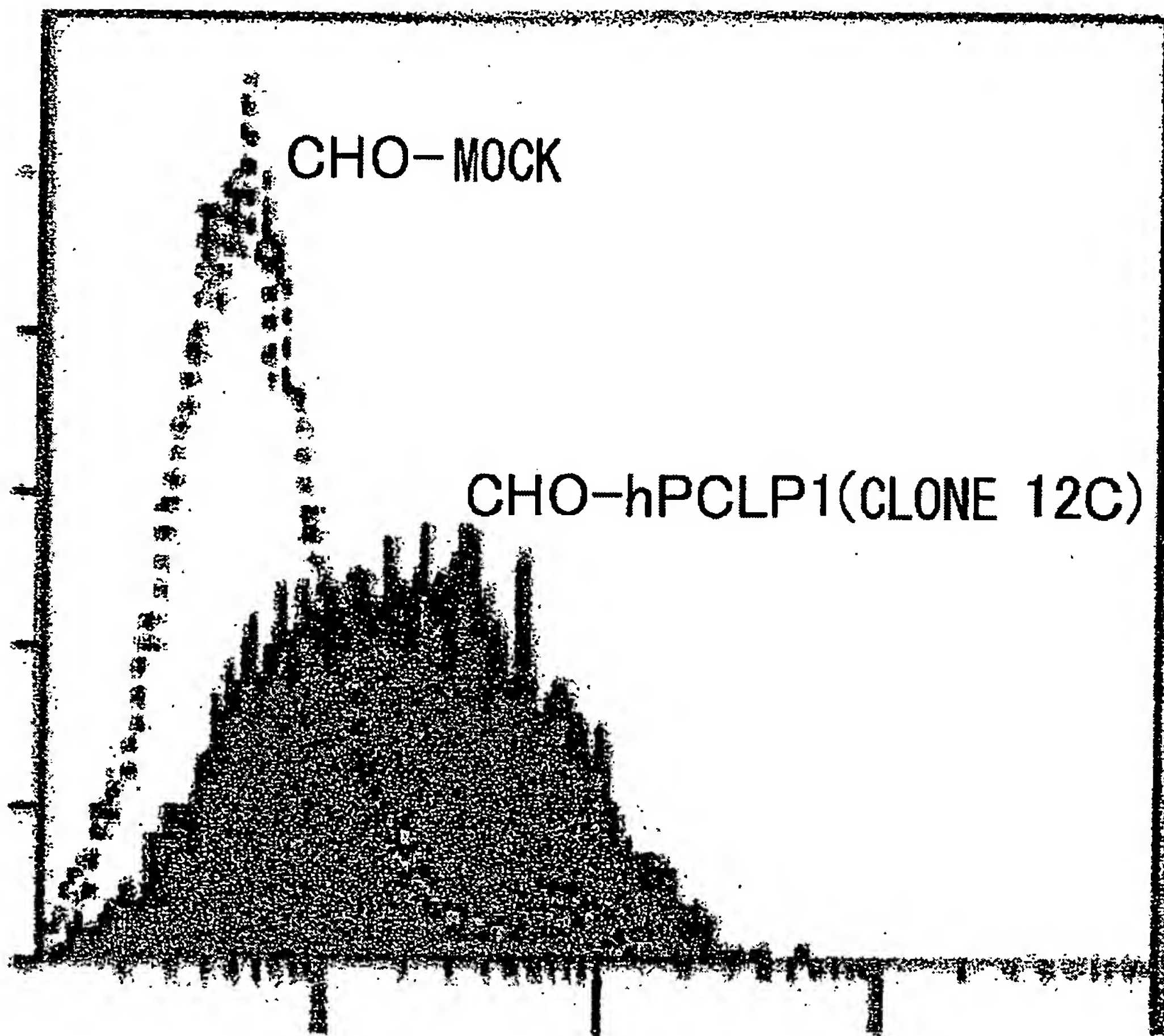


FIG. 14



CHO-TRANSFECTANT

FIG. 15

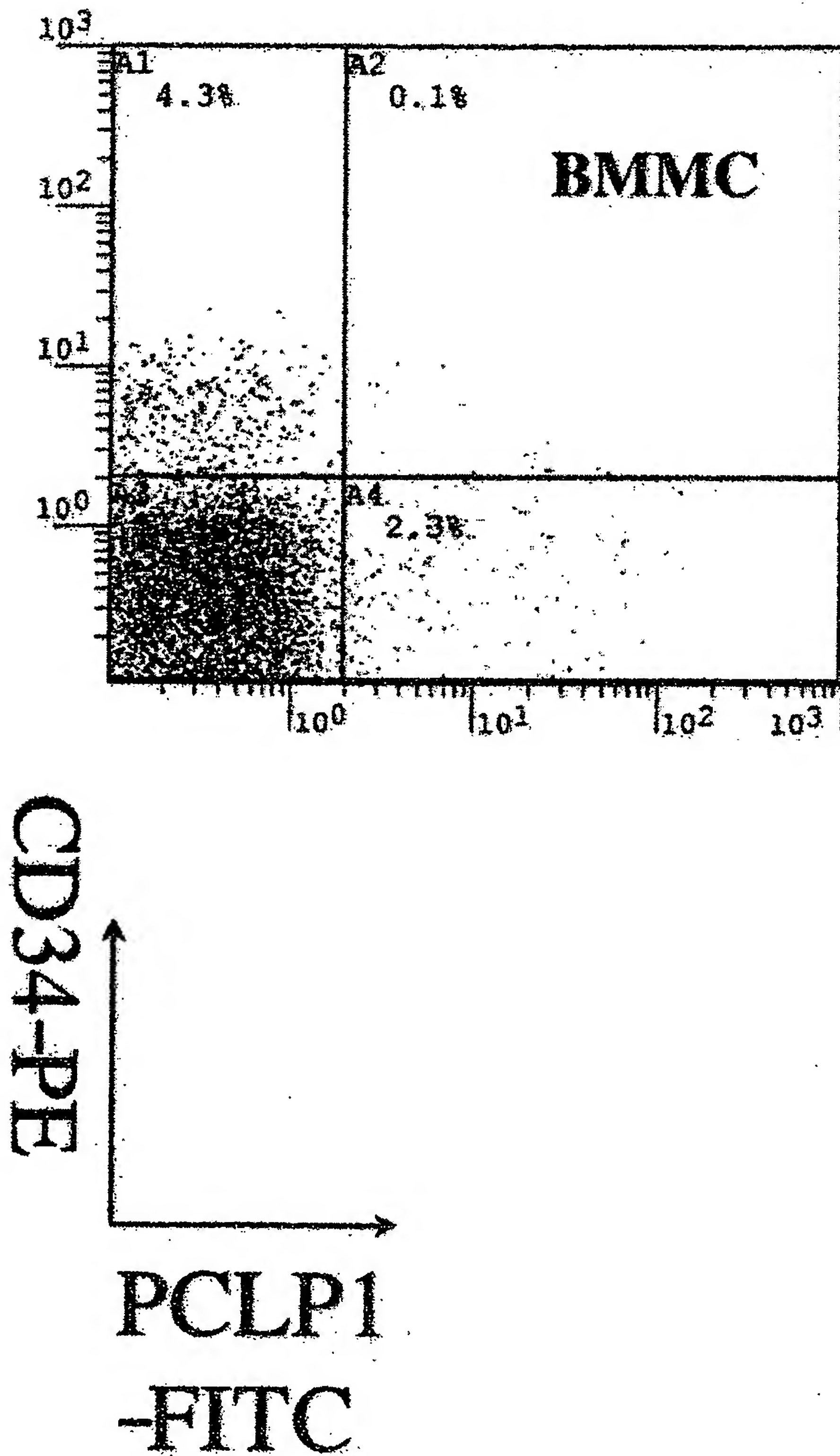


FIG. 16

CD34-FITC/PCLP1-BIOTIN-SA-PE/c-kit-APC

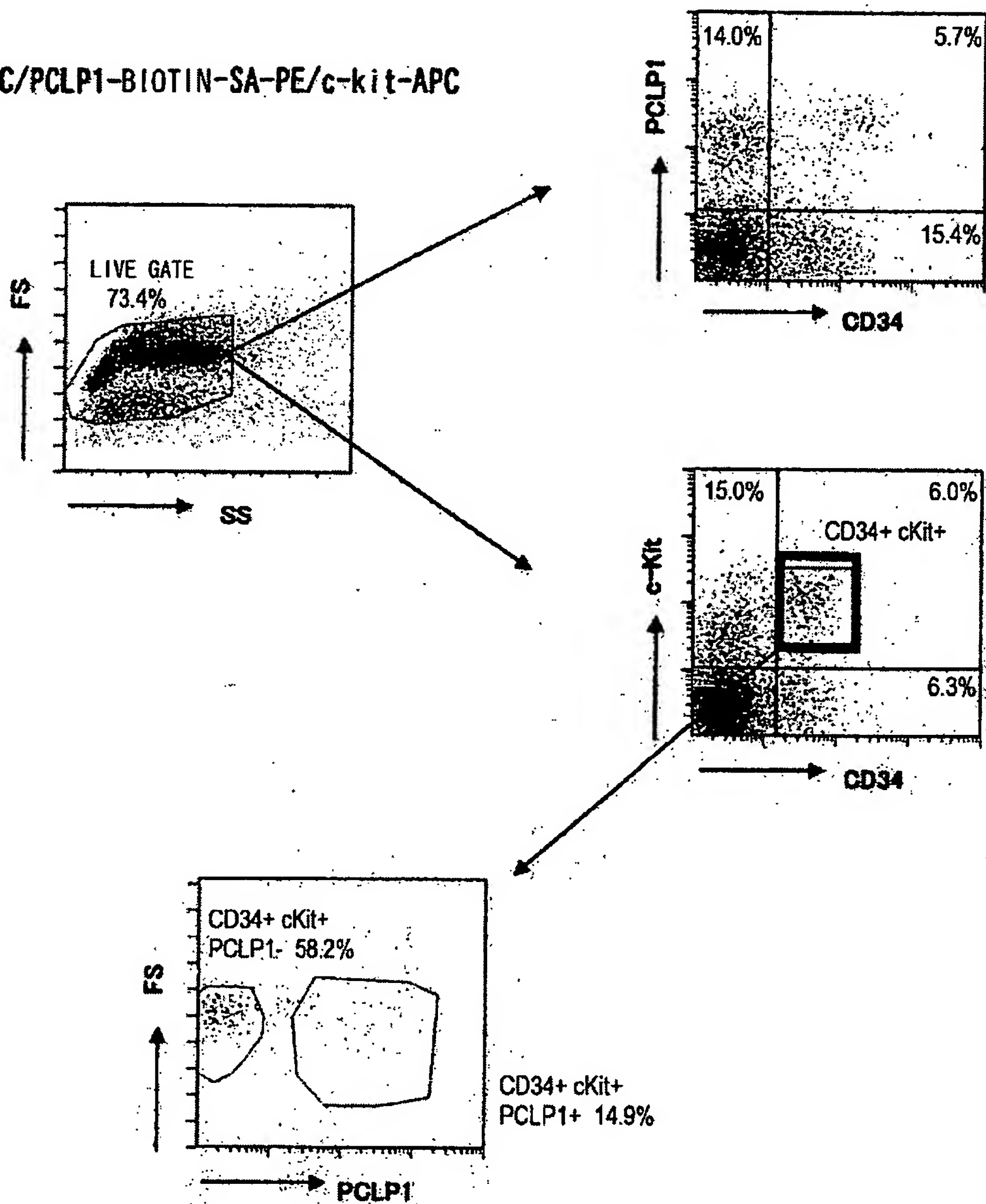
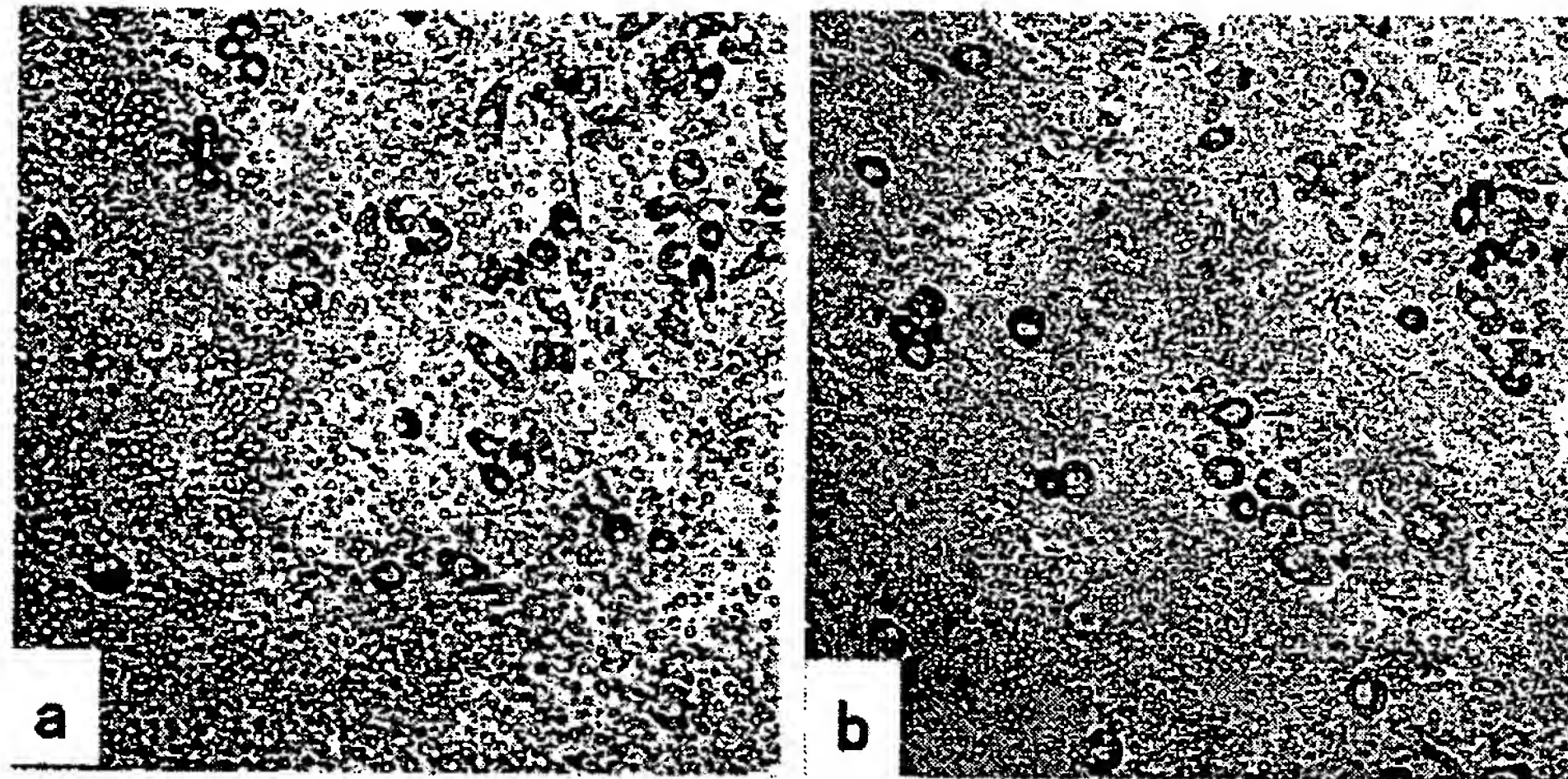


FIG. 17

1. DAY 10 (x 100)



2. DAY 15 (x 100)

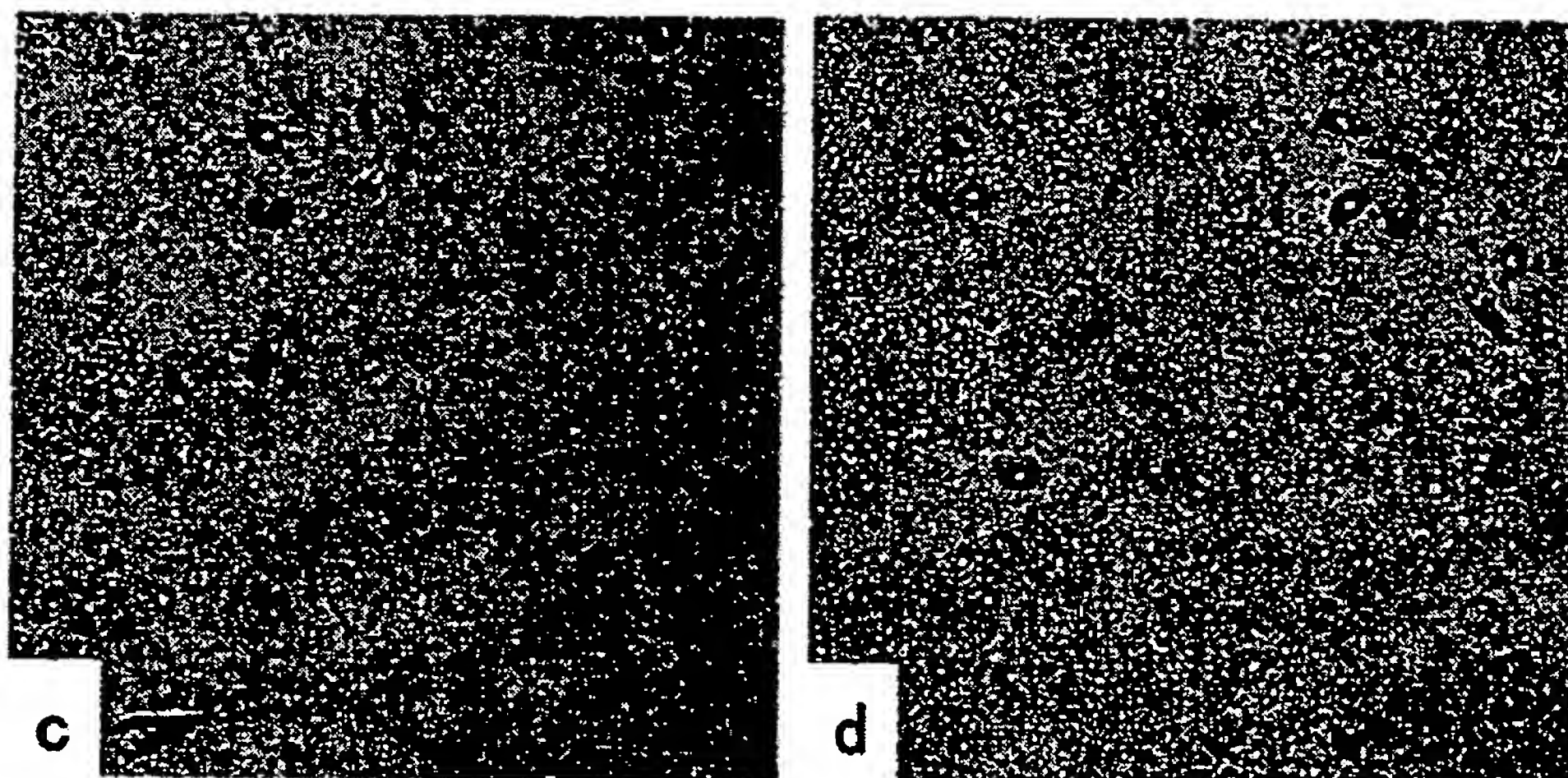


FIG. 18

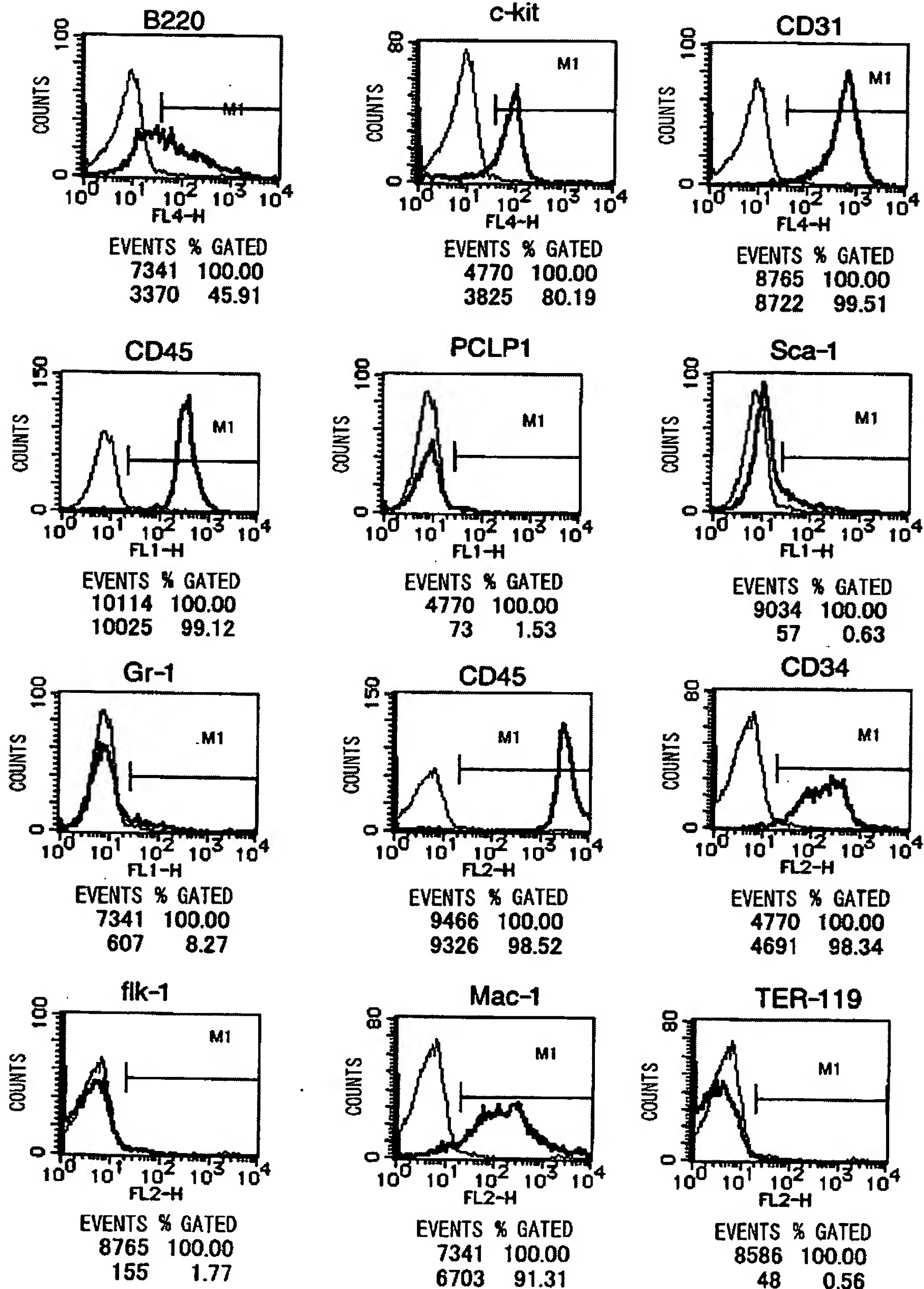


FIG. 19

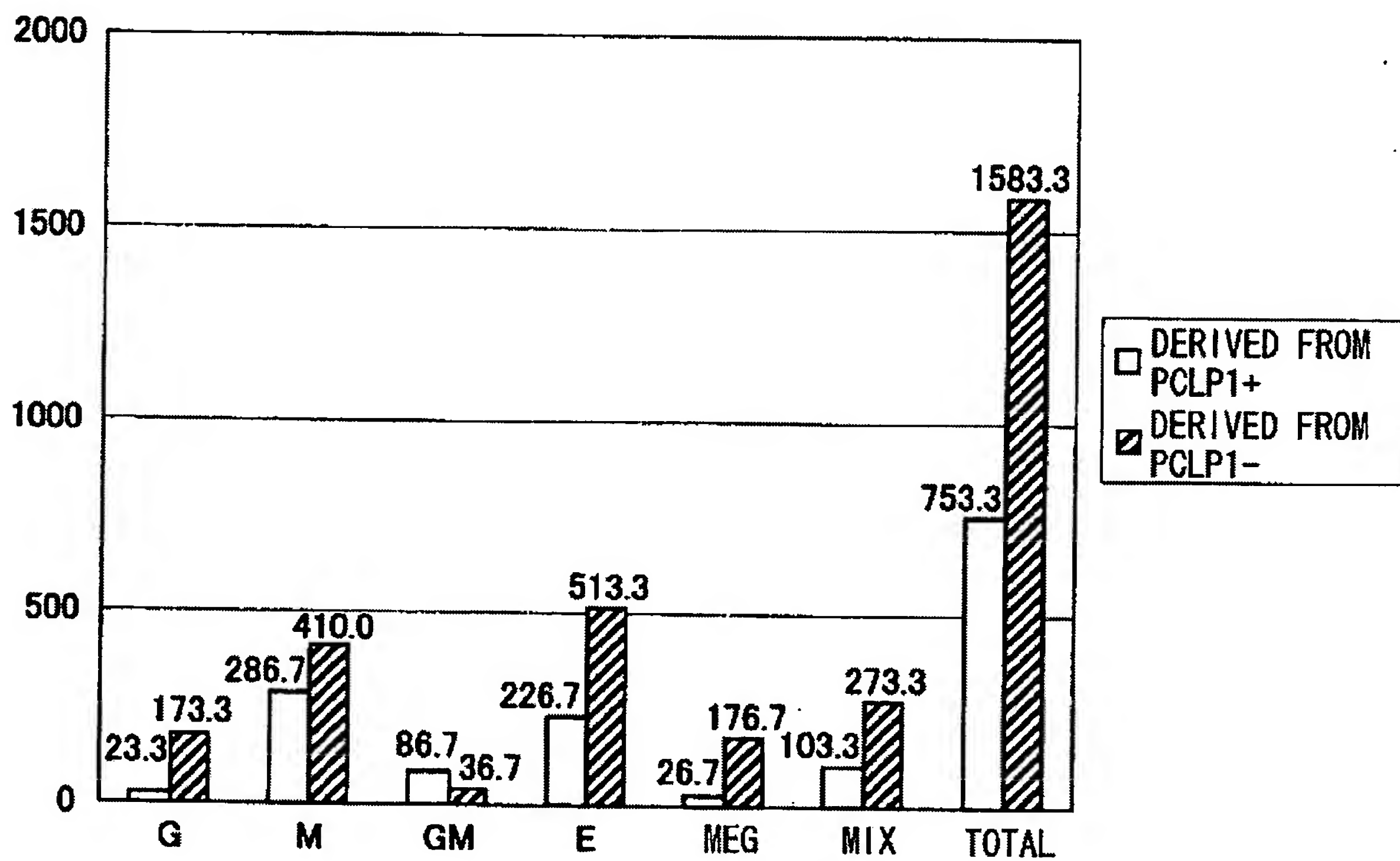


FIG. 20

DAY 10 (x 40)

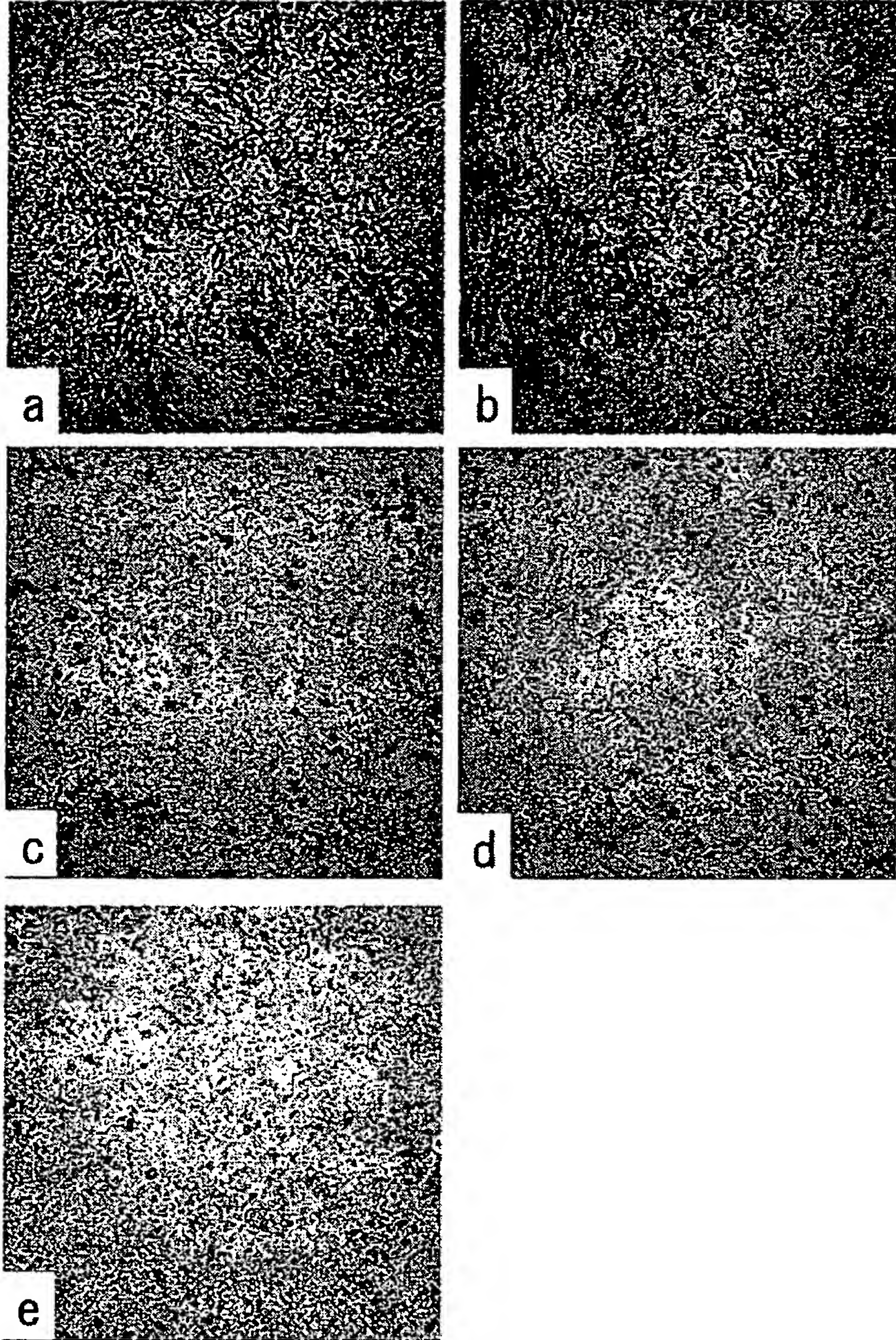
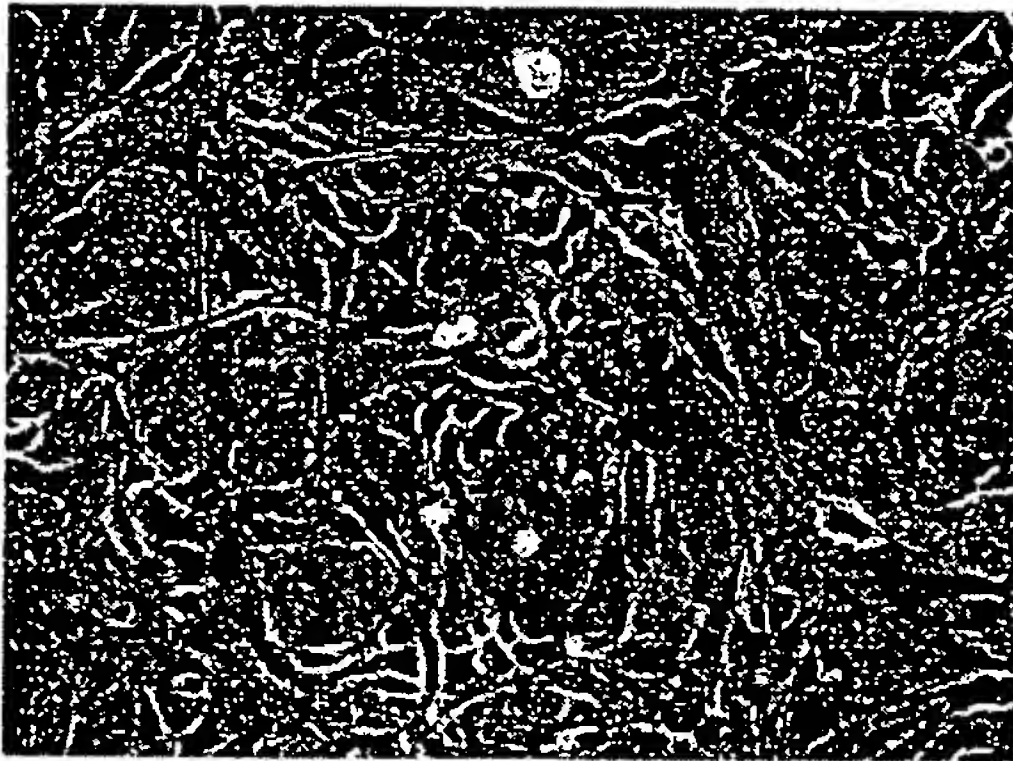
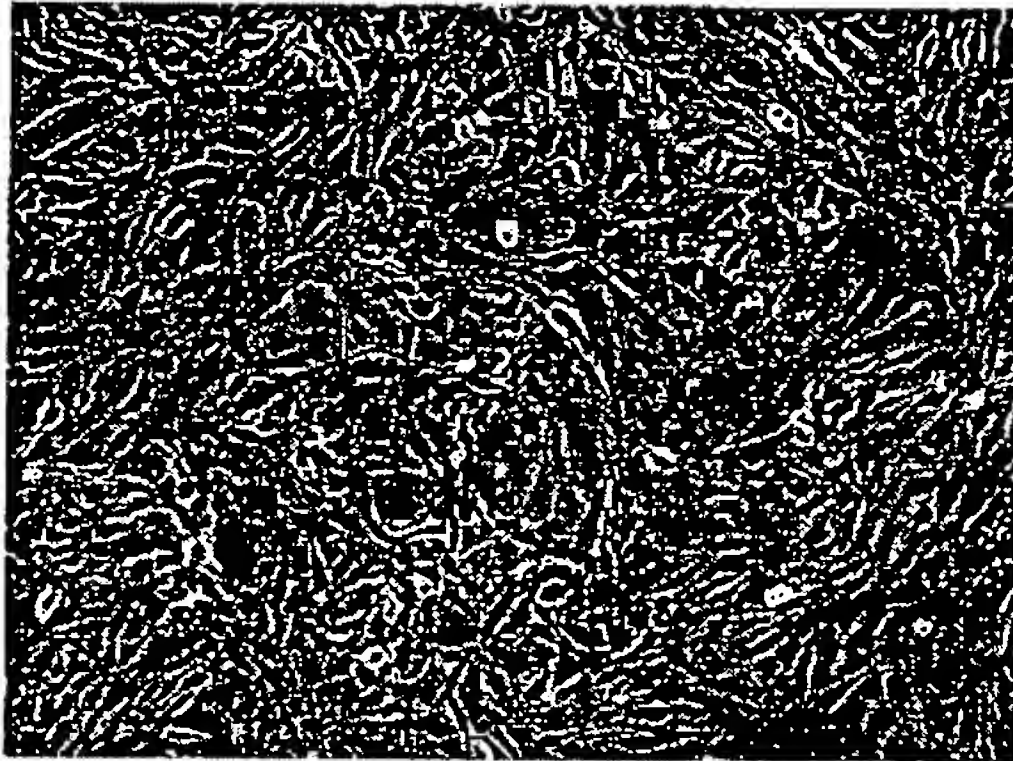


FIG. 21

WHOLE BONE MARROW CELLS



PCLP1-

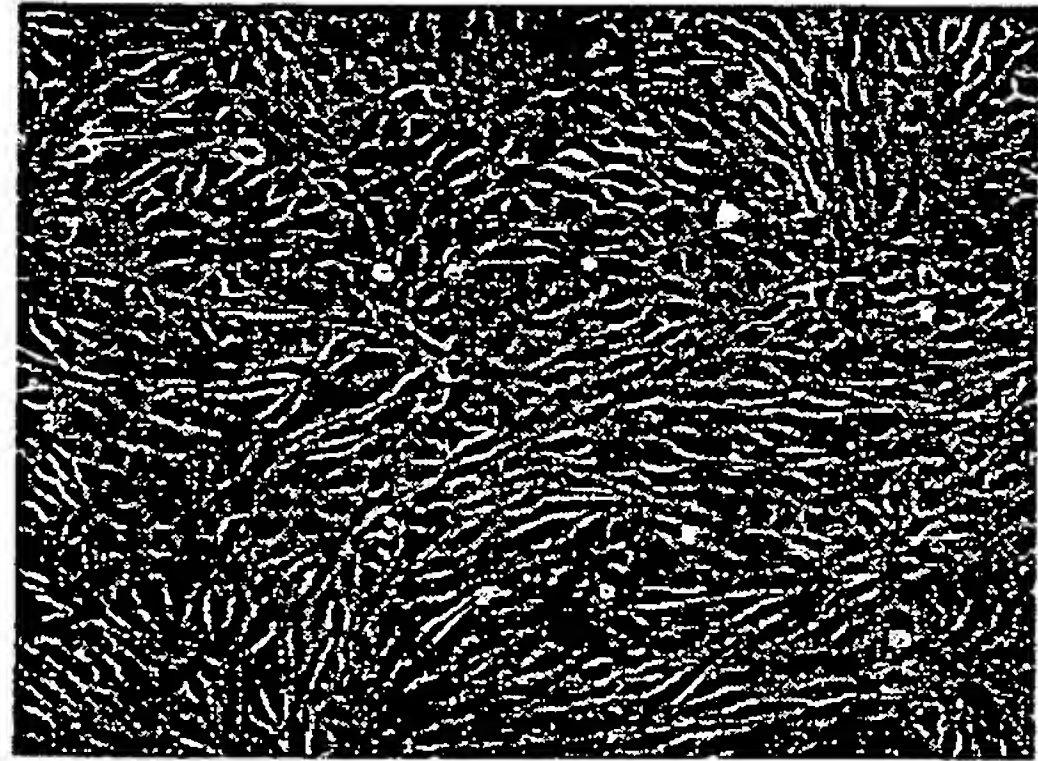
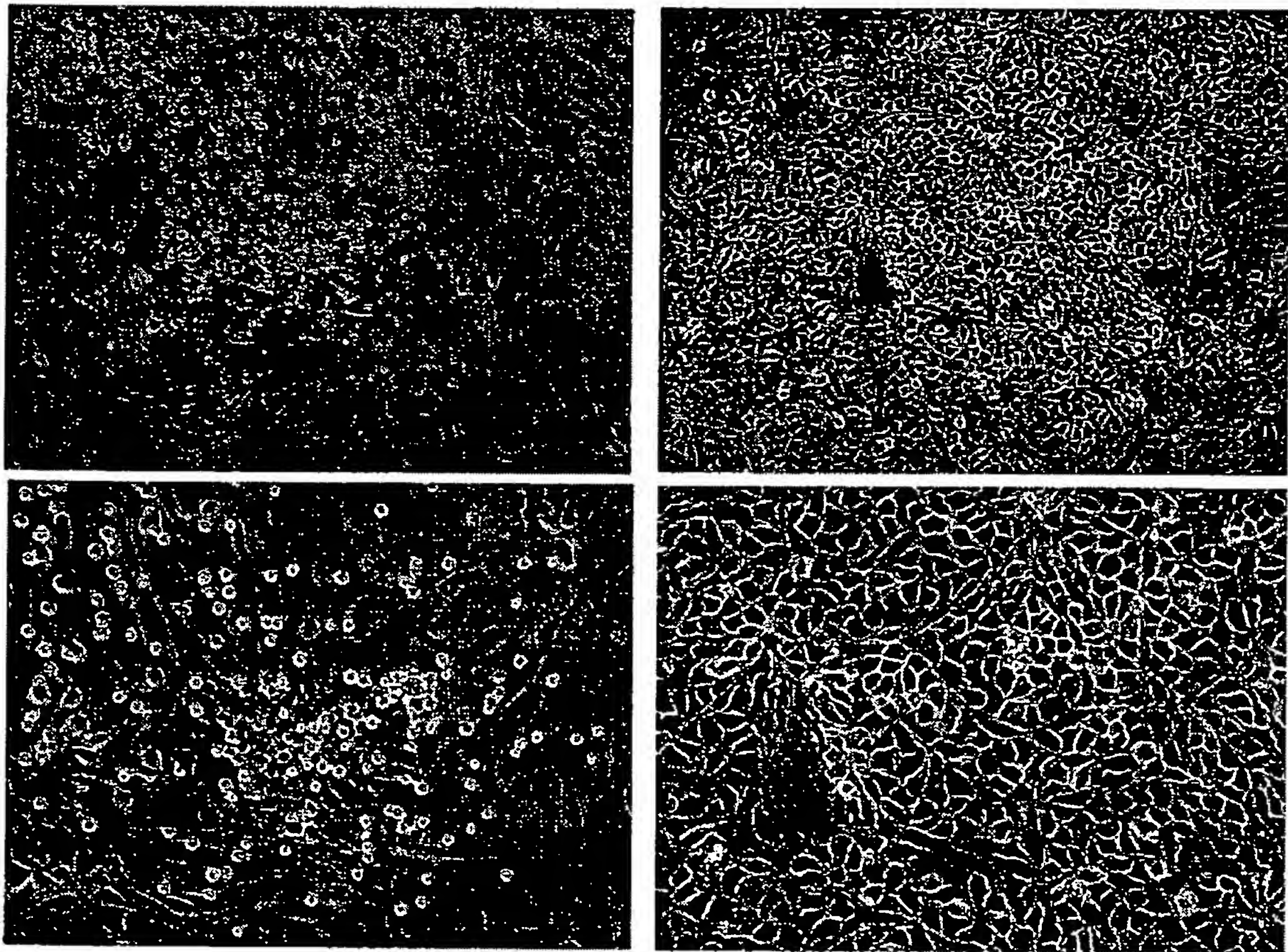


FIG. 21-2

PCLP1+



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